

# THE SOCIETY FOR ANALYTICAL CHEMISTRY ANALYTICAL METHODS TRUST FUND

England & Wales · Charity number 1061108

## Details

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**Other names** THE ANALYTICAL METHODS TRUST

**Status** Registered

**Legal form** Trust

**Registered** 1997-03-06

**Register** [View on the Charity Commission register](#)

## Contact

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## Activities

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**Objects:** TO PROMOTE AND ENCOURAGE THE ACQUISITION AND DISSEMINATION OF KNOWLEDGE IN REGARD TO METHODS OF CHEMICAL ANALYSIS AND THE EDUCATION OF PERSONS AS ANALYTICAL CHEMISTS.

**Activities:** Promotion and support for analytical chemistry.

## Classification

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- **How:** Provides Advocacy/advice/information, Sponsors Or Undertakes Research, Acts As An Umbrella Or Resource Body
- **What:** Education/training, The Advancement Of Health Or Saving Of Lives, Animals, Environment/conservation/heritage
- **Who:** Other Defined Groups, The General Public/mankind

## Geography

- Ireland
- Scotland
- Throughout England And Wales

## Finances

Period end	Income	Expenditure	Assets	Employees
2024-12-31	£37,723	£7,671	-	-
2023-12-31	£33,042	£8,362	-	-
2022-12-31	£29,979	£7,206	-	-
2021-12-31	£26,705	£6,540	-	-
2020-12-31	£29,623	£14,353	-	-

## Trustees

Name	Role	Appointed
ALAN JOHN HANDLEY CCHEM FRSC		
Dr DEREK STEVENSON CChem FRSC		2015-07-28
Dr ROGER WOOD OBE MChemA		
IAN DAVID LUMLEY CChem MRSC		2012-10-14
PROFESSOR GILLIAN GREENWAY		
PROFESSOR JAMES NOEL MILLER CCHEM FRSC		

**THE SOCIETY FOR ANALYTICAL CHEMISTRY ANALYTICAL METHODS TRUST FUND**

England & Wales - Charity number 1061108

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# Accounts

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**Charity number: 1061108**

**The Analytical Methods Trust**

**Unaudited**

**Trustees' report and financial statements**

**For the year ended 31 December 2024**

## **The Analytical Methods Trust**

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## **The Analytical Methods Trust**

### **Reference and administrative details of the Charity, its Trustees and advisers For the year ended 31 December 2024**

#### **Trustees**

JN Miller, Chairman  
CS Creaser  
G Greenway  
AJ Handley  
ID Lumley  
D Stevenson  
F Sweeting  
Dr Wood

#### **Charity registered number**

1061108

#### **Principal office**

The Royal Society of Chemistry  
Burlington House  
London  
W1J 0BA

#### **Honorary secretary to the Trustees**

ID Lumley

#### **Accountants**

Kreston Reeves LLP  
Chartered Accountants  
37 St Margaret's Street  
Canterbury  
Kent  
CT1 2TU

#### **Independent Examiner**

Samantha Rouse FCCA DChA  
Kreston Reeves LLP  
37 St Margaret's Street  
Canterbury  
Kent  
CT1 2TU

## **The Analytical Methods Trust**

### **Trustees' report For the year ended 31 December 2024**

The Trustees present their report, along with the financial statements of the charity for the year ended 31 December 2024. The financial statements have been prepared in accordance with the Statement of Recommended Practice: Accounting and Reporting by Charities preparing their accounts in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) issued in October 2019, the Financial Reporting Standard applicable in the United Kingdom and Republic of Ireland (FRS 102), the Charities Act 2011 and UK Generally Accepted Practice as it applies from 1 January 2019.

### **Objectives and activities**

#### **a. Policies and objectives**

To promote and encourage the acquisition and dissemination of knowledge in regard to methods of chemical analysis and the education of persons as analytical chemists.

In setting objectives and planning for activities, the Trustees have given due consideration to general guidance published by the Charity Commission relating to public benefit, including the guidance 'Public benefit: running a charity (PB2)'.

#### **b. Risk management**

Trustees review the commitments expected to be made on the unrestricted funds annually, to assure themselves that demands normally fall within income. Trustees only accept funds for restricted work when an agreement to cover full costs has been received in advance. Financial procedures are in place to monitor expenditure on individual programmes, and these are reviewed periodically to ensure that they meet the current requirements of the Trust.

### **Secretary Contact Statement**

Dr Wood, an AMT Trustee, has been paid an honorarium of £200 per meeting for providing secretarial services to the AMC and its Expert Working Groups (EWGs) to a maximum of £2,000 per annum. This arrangement was established after communications with The Charity Commission.

At the 2023 meeting of Trustees Dr Wood said that he wished to relinquish the role of Secretary after over a decade of service. Trustees agreed that the new Secretary would be paid an honorarium of £400 per meeting that they organised, up to a maximum of £5,000 per year. The new Secretary appointed, after advert, is Prof John Dean; he is not an AMT Trustee. The contract for his appointment was prepared by Royal Society of Chemistry (RSC) lawyers, with detailed input from the RSC and AMT Trustees. Prof Dean commenced his secretarial duties in the last quarter of 2024.

Early indications are that the £5,000 per annum Secretarial budget could prove to be insufficient. This is because of an increased number of EWG meetings following the end of the depressing effects of Covid, the ease and efficiency with which Zoom based meetings can be organised and the re-commencement of main Analytical Methods Committee (AMC) meetings. In addition, it is hoped that the new Sustainability EWG will meet frequently during its embryonic months. Trustees have considered this issue, wish to encourage increased output from the AMC and its EWGs, and have agreed in principle, to increase the Secretarial budget as necessary.

## The Analytical Methods Trust

Trustees' report (continued)  
For the year ended 31 December 2024

### Objectives and activities (continued)

#### c. Grant making policy

Outline programmes for the specialist Expert Working Groups (EWGs) are approved by the Analytical Methods Committee (AMC) of the Analytical Science Community, which receives regular reports on progress made. In addition, the Expert Working Groups publish their work in the scientific literature or on the website so permitting scrutiny by the analytical community. The AMC Chairman makes an annual report, including any recommendations for action or change resulting from AMC discussions to the trustees at the formal meeting. Decisions on granting financial support or partial support for lectureships, fellowships, studentships and other educational research are made only after consideration by the trustees and again regular progress reports are required. Work by the specialist Expert Working Groups is not authorised unless supporting finances from donations or investment income is guaranteed.

#### d. Investment policy

The Trust has a capital investment currently with a market value of £1,096,287 (2023: £1,052,361) generating income of about £30,000 per annum. The Trust invests in an Allianz portfolio Fixed Interest Fund — part of Allianz Global Investors, who manage the fund within a low risk policy of modest growth and reasonable income, and with the BlackRock Charishare Common Investment Fund. The Trust's investments, which had been adversely affected following outbreak of the war in Ukraine in February 2022, began to recover due to the calming of the economic climate. The investments at the year end had generated a net gain of £16,952 (2023: £51,472).

### Achievements and performance

The work of the AMC Expert Working Groups is no longer routinely supported by any outside organisation. As a result, a review system for the EWGs has been implemented. Each will be assessed for need and effectiveness on a three-year rolling programme.

The past twelve months have seen a modicum in activity in AMC publications and initiatives. The website (Analytical Methods Committee) has now become the main vehicle for AMC communication and publications. The Technical Briefs, after AMC peer review, are now all published in the Royal Society of Chemistry journal *Analytical Methods*, as well as more specialist publications by one of the Expert Working Groups in *Perfumer & Flavorist* (Allured Business Media).

Two Technical Briefs were published in 2024:

AMCTB114 Improved estimates of expanded measurement uncertainty, *Anal. Methods*, 2024, **16**, 5482-5485. <https://doi.org/10.1039/D4AY90083A>

AMCTB115 Tensile mechanical analysis in cultural heritage, *Anal. Methods*, 2024, **16**, 6064-6067. <https://doi.org/10.1039/D4AY90097A>

The following Expert Working Groups are appointed by the AMC / Analytical Science Community Council and which are supported by the AMC Trust, but sometimes receive additional external financial support:

- **Animal Feeding Stuffs**

The work of this Group has had no strategic lead. It is likely that this Group will cease to operate from 2025.

- **Environment**

This informal Group meets virtually on an ad-hoc basis and is led by Richard Brown. Its remit encompasses techniques relating to measurement in the environment.

## The Analytical Methods Trust

### Trustees' report (continued) For the year ended 31 December 2024

#### Achievements and performance (continued)

- **Essential Oils**

The aims of this Group are the elaboration and validation of analytical methods to determine the quality and authenticity of traded essential oils. A new chair has been identified (Neil Owen) and he took up post in November 2024. Members of this EWG have previously been very active and have undertaken several finger-printing exercises for specific essential oils. This Group is supported by the (new) Secretary. The Group has 10 members and 1 corresponding member.

- **Food and Feed Authenticity**

The Chair, Michael Walker, has been very active co-ordinating the work in the area and for which the UK is playing a prominent part. The BSI AW/34/46 is a mirror group of CEN/TC 460 'Food authenticity', of which the Food and Feed Authenticity EWG has a symbiotic relationship. There is excellent UK participation in CEN/TC460 which hosts eight working groups. A great deal of the work of the working groups has come to fruition in 7 published standards in 2024.

- **Heritage Science**

This Group aims to promote the role and importance of analytical science in the heritage science sector. The Group, led by Lucia Burgio, is actively pursuing a wide range of Technical Briefs that are in various stages of development (as well as one publication in 2024). This Group is supported by the (new) Secretary. The Group has 11 members.

- **Instrumental Analysis**

The Group aims to consider and give recommendations on features of specific analytical instruments and to provide a forum for discussion of all aspects of mass spectrometry pertinent to obtaining reliable data with the aims of promoting best practice in the application of mass spectrometry. At this stage this Group is dormant, after the resignation of the previous long-standing chair. [A new chair was appointed in early 2025, Steve Hill.] This Group is supported by the (new) Secretary. The Group has 9 members.

- **Statistical Methods**

Statistics, as the conceptual language of calibration and all aspects of data quality, plays an axial role in analytical science. The Group, led by Jim Miller, has identified a wide ranging series of topics for generation of Technical Briefs that are in different stages of development. This Group is supported by the (new) Secretary. The Group has 10 members and 3 corresponding members.

- **Sampling Uncertainty/Sampling Quality**

The aim is to consider the effect of sampling uncertainty, and procedures for its elaboration, and to make recommendations as to best practice in aspects of sampling. It holds joint meetings with the equivalent Working Group of Eurachem and will publish joint documents (AMC Technical Briefs and Eurachem Leaflets, as well as software). The single chair, Mike Ramsey, hosts joint virtual meetings. This Group is supported by the (new) Secretary. The Group has 7 members and 2 corresponding members (AMC EWG) as well as 14 members and 1 corresponding member (Eurachem).

- **Sustainability**

It was proposed by AMC that a new Group be established in 2025 on Sustainability chaired by Vicky Hilborne (nominee from the Analytical Science Community Council). This Group will be supported by the (new) Secretary.

## **The Analytical Methods Trust**

### **Trustees' report (continued) For the year ended 31 December 2024**

#### **Achievements and performance (continued)**

##### **L S Theobald Lectureship**

The dual 2023 award winners David Bullock and Craig Banks have not yet had an opportunity to deliver their lectures. Note: David Bullock will present his lecture on "Proficiency testing and the effects of analytical methods", along with two other speakers on related topics after the AMC meetings on the 16 September 2025. No arrangements are available for Banks due to his sabbatical taking place in 2024-25.

Announcements for applicants for the 2025 LS Theobald Lectureship have been made with a closing date of 1 August 2025.

#### **FUTURE PLANS**

In 2024 the AMC met once again in-person (October 2024) while the Expert Working Groups are establishing new ways of working, often hybrid, but with some meetings once again taking place at Burlington House. As the hybrid option for meetings is now always available, allowing in-person attendance or via Zoom, this allows participation for all.

#### **PUBLIC BENEFIT**

The work of the Analytical Methods Committee, and its Expert Working Groups, is of particular importance given that it directly enables analytical data to be produced which is both accurate and reliable. This is particularly important not only to the honest manufacturer but also to enforcement bodies and ultimately the consumer. It operates on a cross-party basis, i.e. the scientific merits of particular problems are addressed without undue influence from industry, enforcement, government or referee analyst perspectives.

#### **PERSONNEL**

The new Chair, Christopher Waldron (Warwick University), was appointed by Analytical Science Community Council in summer 2024. In addition, a new secretary, John Dean, was appointed in September 2024.

#### **ACKNOWLEDGEMENTS**

I would like to formally thank all outside organisations for their support-in-kind.

This report would not be complete without an expression of thanks to those persons in academia, industry and the public service who have given their time and expertise to the AMC and its Expert Working Groups. Without their assistance little would be achieved.

Emeritus Professor John R. Dean  
DSc, PhD, DIC, MSc, BSc, CChem, FRSC, Cert Ed, PFHEA  
Secretary, Analytical Methods Committee

#### **Financial review**

##### **a. Going concern**

After making appropriate enquiries, the Trustees have a reasonable expectation that the Charity has adequate resources to continue in operational existence for the foreseeable future. For this reason, they continue to adopt the going concern basis in preparing the financial statements. Further details regarding the adoption of the going concern basis can be found in the accounting policies.

## **The Analytical Methods Trust**

### **Trustees' report (continued) For the year ended 31 December 2024**

#### **b. Reserves policy**

The accumulated capital remaining invested is regarded as a reserve to cover unforeseen eventualities in the administration or funding of work projects. The reserves policy is to retain the capital value of the fund, so far as this is practical in view of the market variations and, if possible, to use only the income from investments to support unrestricted activities. Method development programmes and educational projects are carefully examined before commencement and regular progress meetings are required. Restricted funds are expected to cover the full costs of restricted activities with the expenses of these programmes carried by specific sponsors and are not expected to impinge on reserves.

At 31 December 2024, unrestricted funds amounted to £1,144,790 (2023: £1,097,786) and restricted reserves for the year were £10,856 (2023: £10,856).

#### **Structure, governance and management**

The Analytical Methods Trust (the Trust) is a registered charity under the name of The Society for Analytical Chemistry Analytical Methods Trust Fund (Charity Number 1061108) and is constituted by a Trust Deed dated 1 February 1956. The aim of the Charity is to extend the knowledge and study of analytical chemistry, together with the development and validation of new and improved methods of analysis.

The trustees may invest in anything permitted by law but are restricted to investments in companies with paid up capital of £500,000 or over. The Trust administers the day-to-day finances of the specialist Expert Working Groups of the Analytical Methods Committee.

The trustees, who have served during the year and since the year end are set out below and are all associated with the Analytical Science Community (ASC) of the Royal Society of Chemistry (RSC); they meet in formal committee at least once per year. Day-to-day financial business is conducted by correspondence involving mainly the Chairman and Honorary Secretary to the trustees. New trustees are chosen by existing trustees. Trustees are expected to have demonstrated an interest in and to have long-term knowledge of the activities of the Analytical Methods Committee and its Sub-Committees. Most are likely to have extensive knowledge of analytical chemistry and of all matters relating to the analysis, nature and composition of natural and manufactured materials. Four out of the eight current trustees have been elected President of the Analytical Science Community of the Royal Society of Chemistry. The Trust considers all the above trustees to be their key management personnel.

The trustees who served from 1 January 2024 to the date of signing of the financial statements were:

JN Miller  
F Sweeting  
D Stevenson  
AJ Handley  
CS Creaser  
G Greenway  
R Wood  
ID Lumley

## The Analytical Methods Trust

### Trustees' report (continued) For the year ended 31 December 2024

#### Statement of Trustees' responsibilities

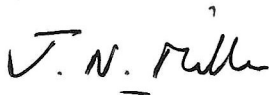
The Trustees are responsible for preparing the Trustees' report and the financial statements in accordance with applicable law and United Kingdom Accounting Standards (United Kingdom Generally Accepted Accounting Practice).

The law applicable to charities in England & Wales requires the Trustees to prepare financial statements for each financial year which give a true and fair view of the state of affairs of the Charity and of its incoming resources and application of resources, including its income and expenditure, for that period. In preparing these financial statements, the Trustees are required to:

- select suitable accounting policies and then apply them consistently;
- observe the methods and principles of the Charities SORP (FRS 102);
- make judgments and accounting estimates that are reasonable and prudent;
- state whether applicable UK Accounting Standards (FRS 102) have been followed, subject to any material departures disclosed and explained in the financial statements;
- prepare the financial statements on the going concern basis unless it is inappropriate to presume that the Charity will continue in business.

The Trustees are responsible for keeping adequate accounting records that are sufficient to show and explain the Charity's transactions and disclose with reasonable accuracy at any time the financial position of the Charity and enable them to ensure that the financial statements comply with the Charities Act 2011, the Charity (Accounts and Reports) Regulations 2008 and the provisions of the Trust deed. They are also responsible for safeguarding the assets of the Charity and hence for taking reasonable steps for the prevention and detection of fraud and other irregularities.

Approved by order of the members of the board of Trustees and signed on their behalf by:



**JN Miller**  
Chair of Trustees

Date: 26/08/25

**Appendix: Analytical Methods Committee Terms of Reference**

The Analytical Methods Committee (AMC) is a Committee of the RSC Analytical Science Community Council. The broad aim of the AMC is to actively contribute to the national and international efforts to establish a comprehensive framework for quality in analytical measurement, to improve and develop analytical methodology and to keep the wider analytical science community informed of developments.

The Committee operates through Expert Working Groups dealing with specific topic areas. It is responsible for the general supervision and monitoring of such Expert Working Groups. However, it will also operate directly as and when the need is demonstrated.

Terms of Reference

- To take a leading role in identifying and promulgating best practice in analytical science; including aspects relating to sampling, analysis, statistical methods, equipment, instrumentation and materials.
- To approve and recommend the publication of validated methods.
- To provide independent and impartial advice to stakeholders such as regulatory and harmonisation bodies.
- To generate validated compositional data of natural products for interpretative and enforcement purposes.
- To issue guidance such as Reports, Technical Briefs, Recommendations, Background Papers and software on topic areas of interest to promote the education and training of analytical scientists.
- To appoint and disband Expert Working Groups as required with the approval of ASC Council and the Analytical Methods Trust, which funds their activity.
- To liaise with other national and international bodies in the field of standardisation.
- To nominate expert members to relevant regulatory and standards bodies on behalf of the RSC (See Note below).
- To receive and act on reports from representatives on other committees where relevant to the work of the AMC.
- To provide technical advice to UKAS on analytical quality issues.

Note: Experts nominated by the AMC shall act in their capacity as individual technical experts and do not necessarily represent the views of the RSC unless additionally authorised to do so by RSC Council.

## **The Analytical Methods Trust**

### **Independent examiner's report For the year ended 31 December 2024**

#### **Independent examiner's report to the Trustees of The Analytical Methods Trust ('the Charity')**

I report to the charity Trustees on my examination of the accounts of the Charity for the year ended 31 December 2024.

#### **Responsibilities and basis of report**

As the Trustees of the Charity you are responsible for the preparation of the accounts in accordance with the requirements of the Charities Act 2011 ('the 2011 Act').

I report in respect of my examination of the Charity's accounts carried out under section 145 of the 2011 Act and in carrying out my examination I have followed the applicable Directions given by the Charity Commission under section 145(5)(b) of the 2011 Act.

#### **Independent examiner's statement**

Your attention is drawn to the fact that the Charity has prepared the accounts in accordance with Accounting and Reporting by Charities: Statement of Recommended Practice applicable to charities preparing their accounts in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) in preference to the Accounting and Reporting by Charities: Statement of Recommended Practice issued on 1 April 2005 which is referred to in the extant regulations but has been withdrawn.

I understand that this has been done in order for the accounts to provide a true and fair view in accordance with the Generally Accepted Accounting Practice effective for reporting periods beginning on or after 1 January 2019.

I have completed my examination. I confirm that no matters have come to my attention in connection with the examination giving me cause to believe that in any material respect:

1. accounting records were not kept in respect of the Charity as required by section 130 of the 2011 Act; or
2. the accounts do not accord with those records; or
3. the accounts do not comply with the applicable requirements concerning the form and content of accounts set out in the Charities (Accounts and Reports) Regulations 2008 other than any requirement that the accounts give a 'true and fair' view which is not a matter considered as part of an independent examination.

I have no concerns and have come across no other matters in connection with the examination to which attention should be drawn in this report in order to enable a proper understanding of the accounts to be reached.

This report is made solely to the Charity's Trustees, as a body, in accordance with Part 4 of the Charities (Accounts and Reports) Regulations 2008. My work has been undertaken so that I might state to the Charity's Trustees those matters I am required to state to them in an Independent examiner's report and for no other purpose. To the fullest extent permitted by law, I do not accept or assume responsibility to anyone other than the Charity and the Charity's Trustees as a body, for my work or for this report.

Signed: *S M Rouse*

Samantha Rouse

Dated: 26 August 2025

FCCA DChA

**Kreston Reeves LLP**  
Chartered Accountants  
37 St Margaret's Street  
Canterbury  
Kent  
CT1 2TU

The Analytical Methods Trust

Statement of financial activities  
For the year ended 31 December 2024

	Note	Restricted funds 2024 £	Unrestricted funds 2024 £	Total funds 2024 £	Total funds 2023 £
<b>Income from:</b>					
Investments	3	-	37,723	37,723	33,042
<b>Total income</b>		-	37,723	37,723	33,042
<b>Expenditure on:</b>					
Charitable activities	4	-	7,671	7,671	8,362
<b>Total expenditure</b>		-	7,671	7,671	8,362
<b>Net income before net gains on investments</b>		-	30,052	30,052	24,680
Net gains on investments		-	16,952	16,952	51,742
<b>Net movement in funds</b>		-	47,004	47,004	76,422
<b>Reconciliation of funds:</b>					
Total funds brought forward		10,856	1,097,786	1,108,642	1,032,220
Net movement in funds		-	47,004	47,004	76,422
<b>Total funds carried forward</b>		10,856	1,144,790	1,155,646	1,108,642

The Statement of financial activities includes all gains and losses recognised in the year.

The notes on pages 12 to 19 form part of these financial statements.

**The Analytical Methods Trust**

**Balance sheet  
As at 31 December 2024**

	Note	2024 £	2023 £
<b>Fixed assets</b>			
Investments	7	1,096,287	1,052,361
<b>Current assets</b>			
Debtors	8	9,353	4,893
Cash at bank and in hand		53,714	57,439
		<u>63,067</u>	<u>62,332</u>
<b>Current liabilities</b>			
Creditors: amounts falling due within one year	9	(3,708)	(6,051)
<b>Net current assets</b>		<u>59,359</u>	<u>56,281</u>
<b>Total net assets</b>		<u><u>1,155,646</u></u>	<u><u>1,108,642</u></u>
<b>Charity funds</b>			
Restricted funds	10	10,856	10,856
Unrestricted funds	10	1,144,790	1,097,786
<b>Total funds</b>		<u><u>1,155,646</u></u>	<u><u>1,108,642</u></u>

The financial statements were approved and authorised for issue by the Trustees and signed on their behalf by:

JN Miller  
Trustee  
Date: 26/12/25

*J. N. Miller*

ID Lumley  
Trustee

*ID Lumley*

The notes on pages 12 to 19 form part of these financial statements.

## The Analytical Methods Trust

### Notes to the financial statements For the year ended 31 December 2024

#### 1. General information

The Trust is an unincorporated charity (registered number 1061108), registered in England and Wales with its registered office address being 67 The Marina, Deal, CT14 6NS.

#### 2. Accounting policies

##### 2.1 Basis of preparation of financial statements

The financial statements have been prepared in accordance with the Charities SORP (FRS 102) - Accounting and Reporting by Charities: Statement of Recommended Practice applicable to charities preparing their accounts in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) (effective 1 January 2019), the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) and the Charities Act 2011.

The financial statements have been prepared to give a 'true and fair' view and have departed from the Charities (Accounts and Reports) Regulations 2008 only to the extent required to provide a 'true and fair' view. This departure has involved following the Charities SORP (FRS 102) published in October 2019 rather than the Accounting and Reporting by Charities: Statement of Recommended Practice effective from 1 April 2005 which has since been withdrawn.

The Analytical Methods Trust meets the definition of a public benefit entity under FRS 102. Assets and liabilities are initially recognised at historical cost or transaction value unless otherwise stated in the relevant accounting policy.

The financial statements are presented in UK sterling, which is the Charity's functional currency, and rounded to the nearest pound.

##### 2.2 Going concern

The Trustees assess whether the use of going concern is appropriate i.e. whether there are any material uncertainties related to events or conditions that may cast significant doubt on the ability of the Charity to continue as a going concern. The Trustees make this assessment in respect of a period of at least one year from the date of authorisation for issue of the financial statements and have concluded that the Charity has adequate resources to continue in operational existence for the foreseeable future and there are no material uncertainties about the Charity's ability to continue as a going concern, thus they continue to adopt the going concern basis of accounting in preparing the financial statements.

##### 2.3 Income

All income is recognised once the Charity has entitlement to the income, it is probable that the income will be received and the amount of income receivable can be measured reliably.

Income tax recoverable in relation to investment income is recognised at the time the investment income is receivable.

##### 2.4 Expenditure

Expenditure is recognised once there is a legal or constructive obligation to transfer economic benefit to a third party, it is probable that a transfer of economic benefits will be required in settlement and the amount of the obligation can be measured reliably. Expenditure is classified by activity. The costs of each activity are made up of the total of direct costs and shared costs, including support costs involved in undertaking each activity. Direct costs attributable to a single activity are allocated directly to that activity. Shared costs which contribute to more than one activity and support costs which are not attributable to a single activity are apportioned between those activities on a basis consistent with the use of resources. Central staff costs are allocated on the basis of time spent, and depreciation charges allocated on the portion of the asset's use.

## The Analytical Methods Trust

### Notes to the financial statements For the year ended 31 December 2024

#### 2. Accounting policies (continued)

##### 2.4 Expenditure (continued)

Expenditure on charitable activities is incurred on directly undertaking the activities which further the Charity's objectives, as well as any associated support costs.

All expenditure is inclusive of irrecoverable VAT.

##### 2.5 Taxation

The Charity is considered to pass the tests set out in Paragraph 1 Schedule 6 of the Finance Act 2010 and therefore it meets the definition of a charitable company for UK corporation tax purposes. Accordingly, the Charity is potentially exempt from taxation in respect of income or capital gains received within categories covered by Chapter 3 Part 11 of the Corporation Tax Act 2010 or Section 256 of the Taxation of Chargeable Gains Act 1992, to the extent that such income or gains are applied exclusively to charitable purposes.

##### 2.6 Investments

Fixed asset investments are a form of financial instrument and are initially recognised at their transaction cost and subsequently measured at fair value at the Balance sheet date, unless the value cannot be measured reliably in which case it is measured at cost less impairment. Investment gains and losses, whether realised or unrealised, are combined and presented as 'Gains/(Losses) on investments' in the Statement of financial activities.

##### 2.7 Debtors

Trade and other debtors are recognised at the settlement amount after any trade discount offered. Prepayments are valued at the amount prepaid net of any trade discounts due.

##### 2.8 Cash at bank and in hand

Cash at bank and in hand includes cash and short-term highly liquid investments with a short maturity of three months or less from the date of acquisition or opening of the deposit or similar account.

##### 2.9 Liabilities and provisions

Liabilities are recognised when there is an obligation at the Balance sheet date as a result of a past event, it is probable that a transfer of economic benefit will be required in settlement, and the amount of the settlement can be estimated reliably.

Liabilities are recognised at the amount that the Charity anticipates it will pay to settle the debt or the amount it has received as advanced payments for the goods or services it must provide.

Provisions are measured at the best estimate of the amounts required to settle the obligation. Where the effect of the time value of money is material, the provision is based on the present value of those amounts, discounted at the pre-tax discount rate that reflects the risks specific to the liability. The unwinding of the discount is recognised in the Statement of financial activities as a finance cost.

## The Analytical Methods Trust

### Notes to the financial statements For the year ended 31 December 2024

#### 2. Accounting policies (continued)

##### 2.10 Fund accounting

General funds are unrestricted funds which are available for use at the discretion of the Trustees in furtherance of the general objectives of the Charity and which have not been designated for other purposes.

Designated funds comprise unrestricted funds that have been set aside by the Trustees for particular purposes. The aim and use of each designated fund is set out in the notes to the financial statements.

Restricted funds are funds which are to be used in accordance with specific restrictions imposed by donors or which have been raised by the Charity for particular purposes. The costs of raising and administering such funds are charged against the specific fund. The aim and use of each restricted fund is set out in the notes to the financial statements.

Investment income, gains and losses are allocated to the appropriate fund.

#### 3. Investment income

	<b>Unrestricted funds 2024 £</b>	<b>Total funds 2024 £</b>	Total funds 2023 £
Interest - fixed interest securities	37,723	<b>37,723</b>	33,042
Total 2023	33,042	33,042	

#### 4. Analysis of expenditure by activities

	<b>Activities undertaken directly 2024 £</b>	<b>Support costs 2024 £</b>	<b>Total funds 2024 £</b>	Total funds 2023 £
Meetings and education	3,963	-	<b>3,963</b>	2,311
Support costs	-	3,708	<b>3,708</b>	6,051
	3,963	3,708	<b>7,671</b>	8,362
Total 2023	2,311	6,051	8,362	

All costs in the current and prior year are attributed to unrestricted funds.

## The Analytical Methods Trust

### Notes to the financial statements For the year ended 31 December 2024

#### 4. Analysis of expenditure by activities (continued)

##### Analysis of support costs

	<b>Support costs 2024 £</b>	<b>Total funds 2024 £</b>	Total funds 2023 £
Honorarium - secretarial services	800	<b>800</b>	1,200
Office expenses	46	<b>46</b>	51
Accountancy	2,862	<b>2,862</b>	4,800
	<u>3,708</u>	<u><b>3,708</b></u>	<u>6,051</u>
Total 2023	<u>6,051</u>	<u>6,051</u>	

#### 5. Independent examiner's remuneration

The independent examiner's remuneration amounts to an independent examiner fee of £1,300 (2023 - £2,160) and accounts preparation fee of £1,562 (2023 - £2,640).

#### 6. Trustees' remuneration and expenses

The charity considers its Board of Trustees to be its key management personnel.

An Honorarium of £800 (2023: £1,200) was due to Dr R Wood, a trustee, for providing secretarial services. The Trustees have previously agreed Dr R Wood would receive £200 per meeting attended.

No Trustee was paid any remuneration during the current or previous year.

During the year ended 31 December 2024, expenses totalling £1,467 were reimbursed or paid directly to 8 Trustees (2023 - £700 to 7 Trustees) for travel expenses and printing, postage and stationery expenses.

## The Analytical Methods Trust

### Notes to the financial statements For the year ended 31 December 2024

#### 7. Fixed asset investments

	Listed investments £
<b>Cost or valuation</b>	
At 1 January 2024	1,052,361
Additions	898,229
Disposals	(871,255)
Revaluations	16,952
At 31 December 2024	<u>1,096,287</u>
<b>Net book value</b>	
At 31 December 2024	<u>1,096,287</u>
At 31 December 2023	<u>1,052,361</u>

#### 8. Debtors

	2024 £	2023 £
<b>Due within one year</b>		
Prepayments and accrued income	<u>9,353</u>	4,893
	<u>9,353</u>	<u>4,893</u>

#### 9. Creditors: Amounts falling due within one year

	2024 £	2023 £
Accruals and deferred income	<u>3,708</u>	<u>6,051</u>

**The Analytical Methods Trust**

**Notes to the financial statements  
For the year ended 31 December 2024**

**10. Statement of funds**

**Statement of funds - current year**

	<b>Balance at 1 January 2024 £</b>	<b>Income £</b>	<b>Expenditure £</b>	<b>Gains/ (Losses) £</b>	<b>Balance at 31 December 2024 £</b>
<b>Unrestricted funds</b>					
Accumulated fund	1,097,786	37,723	(7,671)	16,952	1,144,790
<b>Restricted funds</b>					
Food and Feed Authenticity	8,781	-	-	-	8,781
DEFRA projects	2,075	-	-	-	2,075
	<u>10,856</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>10,856</u>
<b>Total of funds</b>	<u><u>1,108,642</u></u>	<u><u>37,723</u></u>	<u><u>(7,671)</u></u>	<u><u>16,952</u></u>	<u><u>1,155,646</u></u>

The Analytical Methods Trust

Notes to the financial statements  
For the year ended 31 December 2024

10. Statement of funds (continued)

Statement of funds - prior year

	Balance at 1 January 2023 £	Income £	Expenditure £	Transfers in/out £	Gains/ (Losses) £	Balance at 31 December 2023 £
<b>Unrestricted funds</b>						
<b>Designated funds</b>						
Lecture fund	476	-	(1,058)	582	-	-
<b>General funds</b>						
Accumulated fund	1,020,888	33,042	(7,304)	(582)	51,742	1,097,786
<b>Total Unrestricted funds</b>	<b>1,021,364</b>	<b>33,042</b>	<b>(8,362)</b>	<b>-</b>	<b>51,742</b>	<b>1,097,786</b>
<b>Restricted funds</b>						
Food and Feed Authenticity	8,781	-	-	-	-	8,781
DEFRA projects	2,075	-	-	-	-	2,075
	10,856	-	-	-	-	10,856
<b>Total of funds</b>	<b>1,032,220</b>	<b>33,042</b>	<b>(8,362)</b>	<b>-</b>	<b>51,742</b>	<b>1,108,642</b>

The Accumulated Fund represents the free funds of the Trust.

The Designated Fund is a fund set up to maintain the Theobald Lectures. This has been fully utilised in the prior year.

**Restricted Funds:**

Food and Feed Authenticity Fund - Represents grants given for work on nitrogen factors and also for work more generally on food and feed authenticity that may be undertaken by the Food and Feed expert Working Group.

DEFRA projects fund - During the year ended 31 December 2021, one project, which commenced in 2019 and was funded by DEFRA, was completed. A total of £11,000 was received for the preparation of 'Guidance for the Organisation of a Nitrogen Factor Study'. The balance of £2,075 is being carried forward to cover future costs of the study and authenticity work.

## The Analytical Methods Trust

### Notes to the financial statements For the year ended 31 December 2024

#### 11. Analysis of net assets between funds

##### Analysis of net assets between funds - current period

	<b>Restricted funds 2024 £</b>	<b>Unrestricted funds 2024 £</b>	<b>Total funds 2024 £</b>
Fixed asset investments	-	1,096,287	<b>1,096,287</b>
Current assets	10,856	52,211	<b>63,067</b>
Creditors due within one year	-	(3,708)	<b>(3,708)</b>
<b>Total</b>	<b>10,856</b>	<b>1,144,790</b>	<b>1,155,646</b>

##### Analysis of net assets between funds - prior period

	<b>Restricted funds 2023 £</b>	<b>Unrestricted funds 2023 £</b>	<b>Total funds 2023 £</b>
Fixed asset investments	-	1,052,361	1,052,361
Current assets	10,856	51,476	62,332
Creditors due within one year	-	(6,051)	(6,051)
<b>Total</b>	<b>10,856</b>	<b>1,097,786</b>	<b>1,108,642</b>

#### 12. Related party transactions

The Charity has not entered into any related party transaction during the year, nor are there any outstanding balances owing between related parties and the Charity at 31 December 2024.



**THE SOCIETY FOR ANALYTICAL CHEMISTRY ANALYTICAL METHODS TRUST FUND**

England & Wales - Charity number 1061108

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# Accounts

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**Charity Registration Number 1061108**

**THE ANALYTICAL METHODS TRUST**  
**UNAUDITED FINANCIAL STATEMENTS**  
**FOR THE YEAR ENDED**  
**31 DECEMBER 2023**

# THE ANALYTICAL METHODS TRUST

## LEGAL AND ADMINISTRATIVE INFORMATION

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<b>Trustees</b>	JN Miller (Chairman) CS Creaser G Greenway AJ Handley ID Lumley D Stevenson F Sweeting R Wood
<b>Honorary secretary to the trustees</b>	ID Lumley
<b>Principal office</b>	The Royal Society of Chemistry Burlington House London W1J 0BA
<b>Independent examiner</b>	Nicholas Sladden FCA DChA BFP RSM UK Tax and Accounting Limited 25 Farringdon Street London EC4A 4AB
<b>Registered charity number</b>	1061108

# THE ANALYTICAL METHODS TRUST

## COMMITTEE REPORT

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The trustees present their report, along with the financial statements of the charity for the year ended 31 December 2023. The financial statements have been prepared in accordance with the Statement of Recommended Practice: Accounting and Reporting by Charities preparing their accounts in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) issued in October 2019, the Financial Reporting Standard applicable in the United Kingdom and Republic of Ireland (FRS 102), the Charities Act 2011 and UK Generally Accepted Practice as it applies from 1 January 2019.

### **Structure, governance and management**

The Analytical Methods Trust (the Trust) is a registered charity under the name of The Society for Analytical Chemistry Analytical Methods Trust Fund (Charity Number 1061108) and is constituted by a Trust Deed dated 1 February 1956. The aim of the Charity is to extend the knowledge and study of analytical chemistry, together with the development and validation of new and improved methods of analysis.

The trustees may invest in anything permitted by law but are restricted to investments in companies with paid up capital of £500,000 or over. The Trust administers the day-to-day finances of the specialist Expert Working Groups of the Analytical Methods Committee.

The trustees, who have served during the year and since the year end are set out below and are all associated with the Analytical Science Community (ASC) of the Royal Society of Chemistry (RSC); they meet in formal committee at least once per year. Day-to-day financial business is conducted by correspondence involving mainly the Chairman and Honorary Secretary to the trustees. New trustees are chosen by existing trustees. Trustees are expected to have demonstrated an interest in and to have long-term knowledge of the activities of the Analytical Methods Committee and its Sub-Committees. Most are likely to have extensive knowledge of analytical chemistry and of all matters relating to the analysis, nature and composition of natural and manufactured materials. Four out of the eight current trustees have been elected President of the Analytical Science Community of the Royal Society of Chemistry. The Trust considers all the above trustees to be their key management personnel.

The trustees who served from 1 January 2023 to the date of signing of the financial statements were:

JN Miller  
F Sweeting  
D Stevenson  
AJ Handley  
CS Creaser  
G Greenway  
R Wood  
ID Lumley

### **Objectives**

To promote and encourage the acquisition and dissemination of knowledge in regard to methods of chemical analysis and the education of persons as analytical chemists.

### **Risk management**

Trustees review the commitments expected to be made on the unrestricted funds annually, to assure themselves that demands normally fall within income. Trustees only accept funds for restricted work when an agreement to cover full costs has been received in advance. Financial procedures are in place to monitor expenditure on individual programmes, and these are reviewed periodically to ensure that they meet the current requirements of the Trust.

### **Grant making policy**

Outline programmes for the specialist Expert Working Groups (EWGs) are approved by the Analytical Methods Committee (AMC) of the Analytical Science Community, which receives regular reports on progress made. In addition, the Expert Working Groups publish their work in the scientific literature or on the website so permitting scrutiny by the analytical community. The AMC Chairman makes an annual report, including any recommendations for action or change resulting from AMC discussions to the trustees at the formal meeting. Decisions on granting financial support or partial support for lectureships, fellowships, studentships and other educational research are made only after consideration by the trustees and again regular progress reports are required. Work by the specialist Expert Working Groups is not authorised unless supporting finances from donations or investment income is guaranteed.

# THE ANALYTICAL METHODS TRUST

## COMMITTEE REPORT

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### Investment policy

The Trust has a capital investment currently with a market value of £1,052,361 (2022: £954,665) generating income of about £30,000 per annum. The Trust invests in an Allianz portfolio Fixed Interest Fund – part of Allianz Global Investors, who manage the fund within a low risk policy of modest growth and reasonable income, and with the BlackRock Charishare Common Investment Fund.

The Trust's investments, which had been adversely affected following outbreak of the war in Ukraine in February 2022, began to recover due to the calming of the economic climate. The investments at the year end had generated a net gain of £51,742 (2022: net loss £70,620).

### Reserves policy

The accumulated capital remaining invested is regarded as a reserve to cover unforeseen eventualities in the administration or funding of work projects. The reserves policy is to retain the capital value of the fund, so far as this is practical in view of the market variations and, if possible, to use only the income from investments to support unrestricted activities. Method development programmes and educational projects are carefully examined before commencement and regular progress meetings are required. Restricted funds are expected to cover the full costs of restricted activities with the expenses of these programmes carried by specific sponsors and are not expected to impinge on reserves. At 31 December 2023, unrestricted funds amounted to £1,097,786 (2022: £1,020,888) of which £Nil is designated (2022: £476) and restricted reserves for the year were £10,856 (2022: £10,856).

## ACHIEVEMENTS AND PERFORMANCE

The work of the AMC Expert Working Groups is no longer routinely supported by any outside organisation. As a result, a review system for the EWGs has been implemented. Each will be assessed for need and effectiveness on a three year rolling programme.

The past twelve months have seen reduced activity in the area of AMC publications and initiatives. The website has now become the main vehicle for AMC communication and publication. Of these the most on-going popular activity has been the software that the AMC has produced followed by the various Technical Briefs.

Only one "Technical Briefs" has been added this year but a number are in preparation, particularly from the Sampling Uncertainty and Heritage Science areas.

This is really a consequence of drafting being delayed because of the after-effects of the Covid-19 incident.

The Technical Briefs, when prepared, will be published in the RSC journal Analytical Methods as well as on the AMC Web-site; they are directly downloadable from both sources. They are peer reviewed from within the AMC.

The published Technical Brief is:

Avoiding some common mistakes in straight line regression. Part 1  
(Anal. Methods, 2023, 15, 6105)

The following Expert Working Groups are appointed by the AMC/ASC Council and which are supported by the AMC Trust, but sometimes receive additional external financial support:

- **Animal Feeding Stuffs EWG**

The work of this EWG was re-assessed and it is being maintained in a "semi-dormant" state. This is unfortunate given the amount of work that is currently on-going in the CEN Technical Committee, some of which is supported by the EU Commission. This will become increasingly important as the UK loses its input into the EU Commission post Brexit.

# THE ANALYTICAL METHODS TRUST

## COMMITTEE REPORT

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- **Essential Oils EWG**

The aims of the EWG are the elaboration and validation of analytical methods to determine the quality and authenticity of traded essential oils. It acts as the BSI Mirror Group for Essential Oils and has assessed and comments on a number of ISO Standards. Members of this EWG have been very active and have undertaken a number of finger-printing exercise for specific essential oils. This is particularly important given how the REACH Regulations will affect the work of the sector. A new Chair has been identified for the EWG following the retirement of the previous long-standing Chair.

- **Food and Feed Authenticity EWG (previously the Nitrogen Factors Sub-Committee)**

Because of activities in the CEN Sector, with the creation of a new Technical Committee (CEN TC 460) dealing with food and feed authenticity, the EWG has been re-shaped such that there is a parent Group with various topic area Groups being devised. Typically these will mirror the nitrogen factors work which reflects the origin of this EWG. The UK is putting in a fair amount of effort into the CEN activities in this area and will take the convenorship of some of the TC 460 Working Groups.

The new Chair, Dr Michael Walker, has been very active co-ordinating the work in the area and for which the UK is playing a prominent part.

- **Heritage Science EWG**

This EWG aims to promote the role and importance of analytical science in the heritage science sector. It appointed a new Chair in 2018 and she has been particularly active in showing how specific analytical techniques are used within the sector. She was awarded the AMT's 2019 L S Theobald Lectureship.

- **Instrumental Analysis EWG**

The EWG aims to consider and give recommendations on features of specific analytical instruments and to provide a forum for discussion of all aspects of mass spectrometry pertinent to obtaining reliable data with the aims of promoting best practice in the application of mass spectrometry. It has been very active and effective under the Chairmanship of Mike Sargent, LGC.

It is developing a number of relevant Technical Briefs which will be published imminently.

- **Sampling Uncertainty/Sampling Quality EWG**

The aim is to consider the effect of sampling uncertainty, and procedures for its elaboration, and to make recommendations as to best practice in aspects of sampling. Its work has been considered by the Codex Alimentarius Commission and has commented on papers drafted within Codex. It has the opportunity to prepare and submit papers to the Codex Committee on Methods of Analysis and Sampling.

It has now held joint meetings with the equivalent Working Group of Eurachem and will publish joint documents (AMC Technical Briefs and Eurachem Leaflets).

- **The Statistical Methods EWG**

Statistics, as the conceptual language of calibration and all aspects of data quality, plays an axial role in analytical science. The Chair, Professor Jim Miller, has progressed a significant number of Technical Briefs through the system. The EWG is considering how to make available the software packages in the readily accessible Excel rather than in more complex statistical programmes such as R. This will require commissioning of project work by a software development company.

One long-standing member and the EWG originator, Professor Mike Thompson, has retired from the EWG.

# THE ANALYTICAL METHODS TRUST

## COMMITTEE REPORT

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### L S Theobald Lectureship

The 2022 award was made to Professor Philip Potts (retired from the Open University). His lecture will be given at the 2023 RSC Analytical Research Forum. The application process was amended during 2022.

2 separate awards were made in 2023 but the lectures have not yet been announced or presented.

### FUTURE PLANS

Although the effects of the Covid-19 pandemic are much reduced, most meetings were held virtually over Zoom. This does have significant advantages enabling participation particularly from non-UK based members.

### PUBLIC BENEFIT

The work of the Analytical Methods Committee is of particular importance given that it directly enables analytical data to be produced which is both accurate and reliable. This is particularly important not only to the honest manufacturer but also to enforcement bodies and ultimately the consumer. It operates on a cross-party basis, i.e. the scientific merits of particular problems are addressed without undue influence from industry, enforcement, government or referee analyst perspectives. However, there will be attempts to review the long-term AMC strategy given the likely funding arrangements and indeed the possible loss of future collaboration with European colleagues post Brexit. It is important that it maintains and indeed increases the inputs that it makes to any EU focused organisation.

### PERSONNEL

The previous Chair of the AMC, Dr Derek Stevenson, decided not to seek a renewal of appointment and so was replaced by Dr Christopher Waldron (Warwick University).

The new editor of the Technical Briefs, Judith Egan-Shuttler, has settled into the work well, she being particularly knowledgeable about the procedures of the RSC.

### ACKNOWLEDGEMENTS

I would like to formally thank all outside organisations for their support-in-kind.

This report would not be complete without an expression of thanks to those persons in academia, industry and the public service who have given their time and expertise to the AMC.

Without their assistance little would be achieved.

Approved by the trustees on .....<sup>28/08/24</sup> and signed on their behalf by:

*James N. Miller* Chairman

*HP*

Dr Roger Wood OBE MChemA CChem FRSC  
Secretary, Analytical Methods Committee

# THE ANALYTICAL METHODS TRUST

## COMMITTEE REPORT

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### Appendix: Analytical Methods Committee Terms of Reference

The Analytical Methods Committee (AMC) is a Committee of the RSC Analytical Science Community. The broad aim of the AMC is to actively contribute to the national and international efforts to establish a comprehensive framework for quality in analytical measurement, to improve and develop analytical methodology and to keep the wider analytical science community informed of developments.

The Committee operates through Expert Working Groups dealing with specific topic areas. It is responsible for the general supervision and monitoring of such Expert Working Groups. However, it will also operate directly as and when the need is demonstrated.

### Terms of Reference

- To take a leading role in identifying and promulgating best practice in analytical science; including aspects relating to sampling, analysis, statistical methods, equipment, instrumentation and materials.
- To approve and recommend the publication of validated methods.
- To provide independent and impartial advice to stakeholders such as regulatory and harmonisation bodies.
- To generate validated compositional data of natural products for interpretative and enforcement purposes.
- To issue guidance such as Reports, Technical Briefs, Recommendations, Background Papers and software on topic areas of interest to promote the education and training of analytical scientists.
- To appoint and disband Expert Working Groups as required with the approval of AD Council and the Analytical Methods Trust, which funds their activity.
- To liaise with other national and international bodies in the field of standardisation.
- To nominate expert members to relevant regulatory and standards bodies on behalf of the RSC (See Note below).
- To receive and act on reports from representatives on other committees where relevant to the work of the AMC.
- To provide technical advice to UKAS on analytical quality issues.

Note: Experts nominated by the AMC shall act in their capacity as individual technical experts and do not necessarily represent the views of the RSC unless additionally authorised to do so by RSC Council.

# INDEPENDENT EXAMINER'S REPORT TO THE TRUSTEES OF THE ANALYTICAL METHODS TRUST

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I report to the trustees on my examination of the financial statements of The Analytical Methods Trust for the year ended 31 December 2023, which are set out on pages 8 to 14.

## Responsibilities and basis of report

As the trustees of the Charity you are responsible for the preparation of the financial statements in accordance with the requirements of the Charities Act 2011 ('the 2011 Act').

I report in respect of my examination of the Charity's financial statements carried out under section 145 of the 2011 Act and in carrying out my examination I have followed all the applicable Directions given by the Charity Commission under section 145 (5)(b) of the 2011 Act.

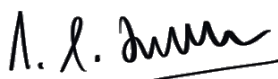
An independent examination does not involve gathering all the evidence that would be required in an audit and consequently does not cover all the matters that an auditor considers in giving their opinion on the financial statements. The planning and conduct of an audit goes beyond the limited assurance that an independent examination can provide. Consequently, I express no opinion as to whether the financial statements present a 'true and fair view' and my report is limited to those specific matters set out in the independent examiner's statement.

## Independent examiner's statement

I have completed my examination. I confirm that no material matters have come to my attention in connection with the examination giving me reasonable cause to believe that in any material respect:

1. accounting records were not kept in respect of the charity as required by section 130 of the 2011 Act; or
2. the financial statements do not accord with those records; or
3. the financial statements do not comply with the applicable requirements concerning the form and content of financial statements set out in the Charities (Accounts and Reports) Regulations 2008 other than any requirement that the financial statements give a 'true and fair view' which is not a matter considered as part of an independent examination.

I have no concerns and have come across no other matters in connection with the examination to which attention should be drawn in this report in order to enable a proper understanding of the financial statements to be reached.



Name: Nicholas Sladden

Name of applicable listed body: The Institute of Chartered Accountants in England and Wales

Relevant professional qualification or membership of professional body: FCA DChA BFP

On behalf of RSM UK TAX AND ACCOUNTING LIMITED

Chartered Accountants

25 Farringdon Street

London

EC4A 4AB

Date 09/09/24

# THE ANALYTICAL METHODS TRUST

## STATEMENT OF FINANCIAL ACTIVITIES FOR THE YEAR ENDED 31 DECEMBER 2023

	Notes	Restricted Funds £	Unrestricted Funds £	Designated Funds £	2023 £	2022 £
<b>Income from:</b>						
Investments	3	-	33,042	-	33,042	29,979
<b>Total</b>		-	33,042	-	33,042	29,979
<b>Expenditure on:</b>						
Charitable activities	4	-	(7,304)	(1,058)	(8,362)	(7,206)
Net gains/(losses) on investments	7	-	51,742	-	51,742	(70,620)
<b>Net income/(deficit) and net movement in funds</b>		-	77,480	(1,058)	76,422	(47,847)
<b>Transfer between funds</b>			(582)	582	-	-
<b>Reconciliation of funds:</b>						
Total funds brought forward at 1 January		10,856	1,020,888	476	1,032,220	1,080,067
Total funds carried forward at 31 December	8	10,856	1,097,786	-	1,108,642	1,032,220

# THE ANALYTICAL METHODS TRUST

**BALANCE SHEET  
AS AT 31 DECEMBER 2023**

**Registered charity number: 1061108**

	Notes	Restricted Funds £	Unrestricted Funds £	Designated Funds £	2023 £	2022 £
<b>Fixed assets</b>						
Investments	7	-	1,052,361	-	1,052,361	954,665
<b>Current assets</b>						
Accrued income		-	4,893	-	4,893	4,266
Cash at bank		10,856	46,583	-	57,439	78,108
		10,856	51,476	-	62,332	82,374
<b>Current liabilities</b>						
Accruals		-	(6,051)	-	(6,051)	(4,819)
<b>Net current assets</b>						
		10,856	45,425	-	56,281	77,555
<b>Net assets</b>						
		10,856	1,097,786	-	1,108,642	1,032,220
<b>Represented by:</b>						
Accumulated fund	8	-	1,097,786	-	1,097,786	1,020,888
Lecture fund	8	-	-	-	-	476
Restricted funds	8	10,856	-	-	10,856	10,856
<b>Total funds</b>						
		10,856	1,097,786	-	1,108,642	1,032,220

The financial statements on pages 8 to 14 were approved by the trustees and authorised for issue on ~~28.12.2024~~ and signed on its behalf by:

JN Miller  
Trustee

*James N. Miller*

ID Lumley  
Trustee

*ID Lumley*

# THE ANALYTICAL METHODS TRUST

## NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2023

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### 1 Accounting policies

The Trust is an unincorporated charity (registered number 1061108), registered in England and Wales with its registered office address being The Royal Society of Chemistry, Burlington House, London W1J 0BA.

The charity's objectives and aims are disclosed in the Committee Report on page 2.

#### **Basis of accounting**

The financial statements have been prepared under the historical cost convention as modified for the inclusion of investments at market value.

The financial statements have been prepared in accordance with the Statement of Recommended Practice: Accounting and Reporting by Charities preparing their financial statements in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) issued in October 2019, the Financial Reporting Standard applicable in the United Kingdom and Republic of Ireland (FRS 102), the Charities Act 2011 and UK Generally Accepted Practice as it applies from 1 January 2019.

The financial statements are prepared in Sterling, which is the functional currency of the Charity. Monetary amounts in these financial statements are rounded to the nearest £1.

The financial statements have been prepared to give a 'true and fair' view and have departed from the Charities (Accounts and Reports) Regulations 2008 only to the extent required to provide a 'true and fair' view. This departure has involved following Accounting and Reporting by Charities (second edition – October 2019) preparing their financial statements in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) rather than the Accounting and Reporting by Charities: Statement of Recommended Practice effective from 1 April 2005 which has since been withdrawn.

The Trust constitutes a public benefit entity as defined by FRS 102.

#### **Going concern**

The trustees have considered whether it is appropriate to prepare the financial statements on the basis that the Trust is a going concern.

The Charity is reliant on income from its investment portfolio stated at £33,042 (2022: £29,979) in the form of dividends to meet its annual expenditure. The Trust's investments, which had been adversely affected following outbreak of the war in Ukraine in February 2022, began to recover due to the calming of the economic climate. During the year the investments had generated net gains of £51,742 (2022: net loss of £70,620).

The trustees believe that the Charity has sufficient funds to continue its activities for at least twelve months from the date of signing the financial statements and so the going concern basis of preparation remains appropriate.

#### **Investments**

Investments are stated at market value at the balance sheet date. The Statement of Financial Activities (SOFA) includes net gains and losses arising on revaluations and disposals throughout the year.

Unrealised gains and losses represent the movement in market values during the year and are credited or charged to the SOFA based on the market value at the year end.

#### **Cash and cash equivalents**

Cash and cash equivalents are represented by cash held at bank.

#### **Liabilities**

Liabilities are recognised when there is a contractual obligation to discharge a cost.

# THE ANALYTICAL METHODS TRUST

## NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2023

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### **Financial Instruments**

The Charity has elected to apply the provisions of Section 11 'Basic Financial Instruments' of FRS 102 to all of its financial instruments. Financial instruments are recognised when the Charity becomes party to the contractual provisions of the instrument.

Financial assets and liabilities are offset, with the net amounts presented in the financial statements, when there is a legally enforceable right to set off the recognised amounts and there is an intention to settle on a net basis or to realise the asset and settle the liability simultaneously.

All financial instruments of the Charity are basic and therefore measured at amortised cost.

### **Fund accounting**

Unrestricted funds are general funds that are available for use at the trustees' discretion in furtherance of any objectives of the Charity.

Designated funds are unrestricted funds set aside at the discretion of the trustees for specific purposes.

Restricted funds are those donated for use in a particular area or for specific purposes, the use of which is restricted to that area or purpose and the restriction means that the funds can only be used for specific projects or activities.

Monies received for various Expert Working Groups work are not regarded as restricted except that they be used solely for the furtherance of the Trust's aims. The trustees will set aside a designated fund to support lectures as they see appropriate.

### **Income**

All income is accounted for in the period in which the Charity is entitled to receipt.

### **Expenditure**

Expenditure is included on an accruals basis. Expenditure includes attributable VAT which cannot be recovered.

Expenses are allocated to the particular activity where the cost relates directly to that activity.

Governance costs comprise of costs for the running of the Charity itself as an organisation.

Where costs cannot be directly attributed to a particular fund, it is estimated on the basis of the proportion of total income.

### **Grants payable with performance conditions**

Where the charity gives a grant with conditions for its payment being a specific level of service, such grants are only recognised in the SOFA once the recipient of the grant has provided the specified service.

### **Judgements and key sources of estimation uncertainty**

In the application of the Trust's accounting policies, the trustees are required to make judgements, estimates and assumptions about the carrying amount of assets and liabilities that are not readily apparent from other sources. The estimates and associated assumptions are based on historical experience and other factors that are considered to be relevant. Actual results may differ from these estimates. The estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognised in the period in which the estimate is revised where the revision affects only that period, or in the period of the revision and future periods where the revision affects both current and future periods.

The trustees do not consider any of these judgements or estimations to have any significant effect on the financial statements.

# THE ANALYTICAL METHODS TRUST

## NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2023

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### 2 Employees

The Charity had no employees in 2023 (2022: none) and no payroll costs were incurred (2022: £Nil).

### 3 Investment income

	Unrestricted Funds	
	2023	2022
	£	£
Interest – fixed interest securities	33,042	29,979

---

### 4 Charitable activities expenditure

	Total Funds	
	Total	Total
	2023	2022
	£	£
Meetings and education	2,311	2,327
Support costs (Note 5)	6,051	4,879
	8,362	7,206

---

All of the charitable activity expenditure in the current and prior year was attributable to unrestricted funds.

### 5 Support costs

	Unrestricted Funds	
	2023	2022
	£	£
Honorarium – secretarial services	1,200	1,800
Office expenses	51	19
Governance costs (Note 6)	4,800	3,060
	6,051	4,879

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### 6 Governance costs

	Unrestricted Funds	
	2023	2022
	£	£
Fees payable to the independent examiner for:		
Accounts preparation	2,640	1,860
Independent examination	2,160	1,200
	4,800	3,060

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# THE ANALYTICAL METHODS TRUST

## NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2023

<b>7</b>	<b>Investments</b>	<b>2023</b>	<b>2022</b>
		<b>£</b>	<b>£</b>
	Market value as at 1 January	954,665	1,010,227
	Additions	45,954	15,058
	Net investment gain/(loss)	51,742	(70,620)
	Market value at 31 December	1,052,361	954,665
	Historic cost	903,837	857,885

<b>8</b>	<b>Funds</b>						
	<b>Current year</b>	<b>At 1 January 2023</b>	<b>Income</b>	<b>Expenditure</b>	<b>Net gain on investments</b>	<b>Transfers</b>	<b>At 31 December 2023</b>
		<b>£</b>	<b>£</b>	<b>£</b>	<b>£</b>	<b>£</b>	<b>£</b>
	<b>Accumulated fund</b>	1,020,888	33,042	(7,304)	51,742	(582)	1,097,786
	<b>Designated funds:</b>						
	Lecture fund	476	-	(1,058)	-	582	-
	<b>Restricted funds:</b>						
	Food and Feed Authenticity	8,781	-	-	-	-	8,781
	DEFRA projects	2,075	-	-	-	-	2,075
	<b>Total funds</b>	1,032,220	33,042	(8,362)	51,742	-	1,108,642

	<b>Prior year</b>	<b>At 1 January 2022</b>	<b>Income</b>	<b>Expenditure</b>	<b>Net loss on investments</b>	<b>Transfers</b>	<b>At 31 December 2022</b>
		<b>£</b>	<b>£</b>	<b>£</b>	<b>£</b>	<b>£</b>	<b>£</b>
	<b>Accumulated fund</b>	1,068,004	29,979	(6,475)	(70,620)	-	1,020,888
	<b>Designated funds:</b>						
	Lecture fund	1,207	-	(731)	-	-	476
	<b>Restricted funds:</b>						
	Food and Feed Authenticity	8,781	-	-	-	-	8,781
	DEFRA projects	2,075	-	-	-	-	2,075
	<b>Total funds</b>	1,080,067	29,979	(7,206)	(70,620)	-	1,032,220

# THE ANALYTICAL METHODS TRUST

## NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2023

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### 8 Funds (continued)

The Accumulated Fund represents the free funds of the Trust.

The Designated Fund is a fund set up to maintain the Theobald Lectures.

#### Restricted Funds:

Food and Feed Authenticity represents grants given for work on nitrogen factors and also for work more generally on food and feed authenticity that may be undertaken by the Food and Feed expert Working Group.

During the year ended 31 December 2021, one project, which commenced in 2019 and was funded by DEFRA, was completed. A total of £11,000 was received for the preparation of 'Guidance for the Organisation of a Nitrogen Factor Study'. The balance of £2,075 is being carried forward to cover future costs of the study and authenticity work.

### 9 Related party transactions and trustees' expenses and remuneration

The charity considers its Board of Trustees to be its key management personnel.

An Honorarium of £1,200 (2022: £1,800) was due to Dr R Wood, a trustee, for providing secretarial services. The trustees have previously agreed Dr R Wood would receive £200 per meeting attended.

No trustee was paid any remuneration during the current or previous year.

During the year, 7 (2022: 6) trustees received reimbursement for travel expenses and printing, postage and stationery expenses amounting to £700 (2022: £687).

### 10 Taxation

The Analytical Methods Trust is a registered charity and, as such, its income and gains falling within Sections 471 to 489 of the Corporation Tax Act 2010 or Section 256 of the Taxation of Chargeable Gains Act 1992 are exempt from corporation tax to the extent that they are applied to its charitable objectives.

**THE SOCIETY FOR ANALYTICAL CHEMISTRY ANALYTICAL METHODS TRUST FUND**

England & Wales - Charity number 1061108

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# Accounts

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**Charity Registration Number 1061108**

**THE ANALYTICAL METHODS TRUST**  
**UNAUDITED FINANCIAL STATEMENTS**  
**FOR THE YEAR ENDED**  
**31 DECEMBER 2022**

# THE ANALYTICAL METHODS TRUST

## LEGAL AND ADMINISTRATIVE INFORMATION

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<b>Trustees</b>	JN Miller (Chairman) CS Creaser G Greenway AJ Handley ID Lumley D Stevenson F Sweeting R Wood
<b>Honorary secretary to the trustees</b>	ID Lumley
<b>Principal office</b>	The Royal Society of Chemistry Burlington House London W1J 0BA
<b>Independent examiner</b>	Nicholas Sladden FCA DChA BFP RSM UK Tax and Accounting Limited 25 Farringdon Street London EC4A 4AB
<b>Registered charity number</b>	1061108

# THE ANALYTICAL METHODS TRUST

## COMMITTEE REPORT

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The trustees present their report, along with the financial statements of the charity for the year ended 31 December 2022. The financial statements have been prepared in accordance with the Statement of Recommended Practice: Accounting and Reporting by Charities preparing their accounts in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) issued in October 2019, the Financial Reporting Standard applicable in the United Kingdom and Republic of Ireland (FRS 102), the Charities Act 2011 and UK Generally Accepted Practice as it applies from 1 January 2019.

### **Structure, governance and management**

The Analytical Methods Trust (the Trust) is a registered charity under the name of The Society for Analytical Chemistry Analytical Methods Trust Fund (Charity Number 1061108) and is constituted by a Trust Deed dated 1 February 1956. The aim of the charity is to extend the knowledge and study of analytical chemistry, together with the development and validation of new and improved methods of analysis.

The trustees may invest in anything permitted by law but are restricted to investments in companies with paid up capital of £500,000 or over. The Trust administers the day-to-day finances of the specialist Expert Working Groups of the Analytical Methods Committee.

The trustees, who have served during the year and since the year end are set out on page 1 and are all associated with the Analytical Division of the Royal Society of Chemistry (RSC); they meet in formal committee at least once per year. Day-to-day financial business is conducted by correspondence involving mainly the Chairman and Honorary Secretary to the trustees. New trustees are chosen by existing trustees. Trustees are expected to have demonstrated an interest in and to have long-term knowledge of the activities of the Analytical Methods Committee and its Sub-Committees. Most are likely to have extensive knowledge of analytical chemistry and of all matters relating to the analysis, nature and composition of natural and manufactured materials. Four out of the eight current trustees have been elected President of the Analytical Division of the Royal Society of Chemistry. The Trust considers all the above trustees to be their key management personnel.

The trustees who served from 1 January 2022 were:

JN Miller  
F Sweeting  
D Stevenson  
AJ Handley  
CS Creaser  
G Greenway  
R Wood  
ID Lumley

### **Objectives**

To promote and encourage the acquisition and dissemination of knowledge in regard to methods of chemical analysis and the education of persons as analytical chemists.

### **Risk management**

Trustees review the commitments expected to be made on the unrestricted funds annually, to assure themselves that demands normally fall within income. Trustees only accept funds for restricted work when an agreement to cover full costs has been received in advance. Financial procedures are in place to monitor expenditure on individual programmes, and these are reviewed periodically to ensure that they meet the current requirements of the Trust.

### **Grant making policy**

Outline programmes for the specialist Expert Working Groups (EWGs) are approved by the Analytical Methods Committee (AMC) of the Analytical Division, which receives regular reports on progress made. In addition, the Expert Working Groups publish their work in the scientific literature or on the website so permitting scrutiny by the analytical community. The AMC Chairman makes an annual report, including any recommendations for action or change resulting from AMC discussions to the trustees at the formal meeting. Decisions on granting financial support or partial support for lectureships, fellowships, studentships and other educational research are made only after consideration by the trustees and again regular progress reports are required. Work by the specialist Expert Working Groups is not authorised unless supporting finances from donations or investment income is guaranteed.

# THE ANALYTICAL METHODS TRUST

## COMMITTEE REPORT

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### Investment policy

The Trust has a capital investment currently with a market value of £954,665 generating income of about £30,000 per annum. The Trust invests in an Allianz portfolio Fixed Interest Fund – part of Allianz Global Investors, who manage the fund within a low risk policy of modest growth and reasonable income, and with the BlackRock Charishare Common Investment Fund.

The Trust's investments, which had been adversely affected by Covid-19, started to recover in 2021. However following outbreak of the war in Ukraine in February 2022, the investments were again negatively impacted and at the year end had generated a net loss of £70,620 (2021: net gain £76,034).

### Reserves policy

The accumulated capital remaining invested is regarded as a reserve to cover unforeseen eventualities in the administration or funding of work projects. The reserves policy is to retain the capital value of the fund, so far as this is practical in view of the market variations and, if possible, to use only the income from investments to support unrestricted activities. Method development programmes and educational projects are carefully examined before commencement and regular progress meetings are required. Restricted funds are expected to cover the full costs of restricted activities with the expenses of these programmes carried by specific sponsors and are not expected to impinge on reserves. At 31 December 2022, unrestricted funds amounted to £1,020,888 (2021: £1,068,004) of which £476 is designated (2021: £1,207) and restricted reserves for the year were £10,856 (2021: £10,856).

## ACHIEVEMENTS AND PERFORMANCE

The work of the AMC Expert Working Groups is no longer routinely supported by any outside organisation. As a result, a review system for the EWGs has been implemented. Each will be assessed for need and effectiveness on a three year rolling programme.

The past twelve months has again seen some activity in the area of AMC publications and initiatives. The website ([www.rsc.org](http://www.rsc.org)) has now become the main vehicle for AMC communication and publication. Of these the most on-going popular activity has been the software that the AMC has produced followed by the various Technical Briefs.

Only three new "Technical Briefs" have been added this year; they are:

1. Summarising the precision statistics from collaborative trials  
(*Anal. Methods*, 2022, 14, 678)
2. A periodic table for liquid chromatography separation modes  
(*Anal. Methods*, 2022, 14, 3033)
3. Comparing measurement uncertainty values  
(*Anal. Methods*, 2022, 14, 4025)

The Technical Briefs were published in the RSC journal *Analytical Methods* as well as on the AMC Web-site; they are directly downloadable from both sources. They are peer reviewed from within the AMC.

The Technical Briefs that have been prepared bring up-to-date technical information to members of the Analytical Division and the wider Analytical Community. The areas covered reflect the activities of the various subcommittees of the AMC and concentrate on items that are important for analytical scientists, currently topical, and not readily available from other sources.

The Briefs are carefully drafted by Expert Working Groups and then separately scrutinised by the whole AMC before final approval and publication. Apart from their general application, they comprise a useful addition to CPD and so include a CPD Statement.

# THE ANALYTICAL METHODS TRUST

## COMMITTEE REPORT

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In addition, a number of Reports have been published, most notably:

Application of Gas-Liquid Chromatography to the Analysis of Essential Oils:

Part XXV: Part 1 of 2: Fingerprint GLC of three of five ketone-containing essential oils.

Part 1: Experimental, results, thujones and cedarleaf oils  
Perfumer and Flavorist, 2022, 47 (December), 26 - 35

Note: Part 2 (Fennel oils and wormwood oil) to be published as the succeeding part in January, 2023.

The following Expert Working Groups are appointed by the AMC/AD Council and which are supported by the AMC Trust, but sometimes receive additional external financial support:

- **Animal Feeding Stuffs EWG**

The work of this EWG was re-assessed and it is being maintained in a "semi-dormant" state. This is unfortunate given the amount of work that is currently on-going in the CEN Technical Committee, some of which is supported by the EU Commission. This will become increasingly important as the UK loses its input into the EU Commission post Brexit.

- **Essential Oils EWG**

The aims of the EWG are the elaboration and validation of analytical methods to determine the quality and authenticity of traded essential oils. It acts as the BSI Mirror Group for Essential Oils and has assessed and commented on a number of ISO Standards. Members of this EWG have been very active and have undertaken a number of finger-printing exercises for specific essential oils. This is particularly important given how the REACH Regulations will affect the work of the sector.

- **Food and Feed Authenticity EWG (previously the Nitrogen Factors Sub-Committee)**

Because of activities in the CEN Sector, with the creation of a new Technical Committee (CEN TC 460) dealing with food and feed authenticity, the EWG has been re-shaped such that there is a parent Group with various topic area Groups being devised. Typically these will mirror the nitrogen factors work which reflects the origin of this EWG. The UK is putting in a fair amount of effort into the CEN activities in this area and will take the convenorship of some of the TC 460 Working Groups.

The new Chair, Dr Michael Walker, has been very active co-ordinating the work in the area and for which the UK is playing a prominent part.

- **Heritage Science EWG**

This EWG aims to promote the role and importance of analytical science in the heritage science sector. It appointed a new Chair in 2018 and she has been particularly active in showing how specific analytical techniques are used within the sector. She was awarded the AMT's 2019 L S Theobald Lectureship.

- **Instrumental Analysis EWG**

The EWG aims to consider and give recommendations on features of specific analytical instruments and to provide a forum for discussion of all aspects of mass spectrometry pertinent to obtaining reliable data with the aims of promoting best practice in the application of mass spectrometry. It has been very active and effective under the Chairmanship of Mike Sargent, LGC.

It is developing a number of relevant Technical Briefs which will be published imminently.

# THE ANALYTICAL METHODS TRUST

## COMMITTEE REPORT

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- **Sampling Uncertainty/Sampling Quality EWG**

The aim is to consider the effect of sampling uncertainty, and procedures for its elaboration, and to make recommendations as to best practice in aspects of sampling. Its work has been considered by the Codex Alimentarius Commission and has commented on papers drafted within Codex. It has the opportunity to prepare and submit papers to the Codex Committee on Methods of Analysis and Sampling.

It has now held joint meetings with the equivalent Working Group of Eurachem and will publish joint documents (AMC Technical Briefs and Eurachem Leaflets).

- **The Statistical Methods EWG**

Statistics, as the conceptual language of calibration and all aspects of data quality, plays an axial role in analytical science. The Chair, Professor Jim Miller, has progressed a significant number of Technical Briefs through the system. The EWG is considering how to make available the software packages in the readily accessible Excel rather than in more complex statistical programmes such as R. This will require commissioning of project work by a software development company.

One long-standing member and the EWG originator, Professor Mike Thompson, has retired from the EWG.

### **L S Theobald Lectureship**

The 2022 award was made to Professor Philip Potts (retired from the Open University). His lecture will be given at the 2023 RSC Analytical Research Forum. The application process was amended during 2022.

### **FUTURE PLANS - Effect of Covid-19 Pandemic**

Although the effects of the Covid-19 pandemic are much reduced, most meetings were held virtually over Zoom. This does have significant advantages enabling participation particularly from non-UK based members.

### **PUBLIC BENEFIT**

The work of the Analytical Methods Committee is of particular importance given that it directly enables analytical data to be produced which is both accurate and reliable. This is particularly important not only to the honest manufacturer but also to enforcement bodies and ultimately the consumer. It is operated on a cross-party basis, i.e. the scientific merits of particular problems are addressed without undue influence from industry, enforcement, government or referee analyst perspectives. However, there will be attempts to review the long-term AMC strategy given the likely funding arrangements and indeed the possible loss of future collaboration with European colleagues post Brexit. It is important that it maintains and indeed increases the inputs that it makes to any EU focused organisation.

### **PERSONNEL**

The new editor of the Technical Briefs, Judith Egan-Shuttler, has settled into the work well, she being particularly knowledgeable about the procedures of the RSC.

# THE ANALYTICAL METHODS TRUST

## COMMITTEE REPORT

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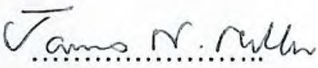
### ACKNOWLEDGEMENTS

I would like to formally thank all outside organisations for their support-in-kind.

This report would not be complete without an expression of thanks to those persons in academia, industry and the public service who have given their time and expertise to the AMC.

Without their assistance little would be achieved.

Approved by the trustees on 30.08.2023 and signed on their behalf by:

  
.....  
JN Miller  
Chairman

Date 30/8/2023

# THE ANALYTICAL METHODS TRUST

## COMMITTEE REPORT

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### Appendix: Analytical Methods Committee Terms of Reference

The Analytical Methods Committee (AMC) is a Committee of the RSC Analytical Division Council. The broad aim of the AMC is to actively contribute to the national and international efforts to establish a comprehensive framework for quality in analytical measurement, to improve and develop analytical methodology and to keep the wider analytical science community informed of developments.

The Committee operates through Expert Working Groups dealing with specific topic areas. It is responsible for the general supervision and monitoring of such Expert Working Groups. However, it will also operate directly as and when the need is demonstrated.

### Terms of Reference

- To take a leading role in identifying and promulgating best practice in analytical science; including aspects relating to sampling, analysis, statistical methods, equipment, instrumentation and materials.
- To approve and recommend the publication of validated methods.
- To provide independent and impartial advice to stakeholders such as regulatory and harmonisation bodies.
- To generate validated compositional data of natural products for interpretative and enforcement purposes.
- To issue guidance such as Reports, Technical Briefs, Recommendations, Background Papers and software on topic areas of interest to promote the education and training of analytical scientists.
- To appoint and disband Expert Working Groups as required with the approval of AD Council and the Analytical Methods Trust, which funds their activity.
- To liaise with other national and international bodies in the field of standardisation.
- To nominate expert members to relevant regulatory and standards bodies on behalf of the RSC (See Note below).
- To receive and act on reports from representatives on other committees where relevant to the work of the AMC.
- To provide technical advice to UKAS on analytical quality issues.

Note: Experts nominated by the AMC shall act in their capacity as individual technical experts and do not necessarily represent the views of the RSC unless additionally authorised to do so by RSC Council.

## **INDEPENDENT EXAMINER'S REPORT TO THE TRUSTEES OF THE ANALYTICAL METHODS TRUST**

I report to the trustees on my examination of the financial statements of The Analytical Methods Trust for the year ended 31 December 2022, which are set out on pages 9 to 15.

### **Responsibilities and basis of report**

As the trustees of the charity you are responsible for the preparation of the financial statements in accordance with the requirements of the Charities Act 2011 ('the 2011 Act').

I report in respect of my examination of the charity's financial statements carried out under section 145 of the 2011 Act and in carrying out my examination I have followed all the applicable Directions given by the Charity Commission under section 145 (5)(b) of the 2011 Act.

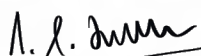
An independent examination does not involve gathering all the evidence that would be required in an audit and consequently does not cover all the matters that an auditor considers in giving their opinion on the financial statements. The planning and conduct of an audit goes beyond the limited assurance that an independent examination can provide. Consequently, I express no opinion as to whether the financial statements present a 'true and fair view' and my report is limited to those specific matters set out in the independent examiner's statement.

### **Independent examiner's statement**

I have completed my examination. I confirm that no material matters have come to my attention in connection with the examination giving me reasonable cause to believe that in any material respect:

1. accounting records were not kept in respect of the charity as required by section 130 of the 2011 Act; or
2. the financial statements do not accord with those records; or
3. the financial statements do not comply with the applicable requirements concerning the form and content of financial statements set out in the Charities (Accounts and Reports) Regulations 2008 other than any requirement that the financial statements give a 'true and fair view' which is not a matter considered as part of an independent examination.

I have no concerns and have come across no other matters in connection with the examination to which attention should be drawn in this report in order to enable a proper understanding of the financial statements to be reached.



Name: Nicholas Sladden

Name of applicable listed body: The Institute of Chartered Accountants in England and Wales

Relevant professional qualification or membership of professional body: FCA DChA BFP

On behalf of RSM UK TAX AND ACCOUNTING LIMITED

Chartered Accountants

25 Farringdon Street

London

EC4A 4AB

07/09/23

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# THE ANALYTICAL METHODS TRUST

## STATEMENT OF FINANCIAL ACTIVITIES FOR THE YEAR ENDED 31 DECEMBER 2022

	Notes	Restricted Funds £	Unrestricted Funds £	Designated Funds £	2022 £	2021 £
<b>Income from:</b>						
Investments	3	-	29,979	-	29,979	24,630
Charitable activities	4	-	-	-	-	2,075
<b>Total</b>		-	29,979	-	29,979	26,705
<b>Expenditure on:</b>						
Charitable activities	5	-	(6,475)	(731)	(7,206)	(6,540)
Net (losses)/gains on investments		-	(70,620)	-	(70,620)	76,034
<b>Net (deficit)/income and net movement in funds</b>		-	(47,116)	(731)	(47,847)	96,199
<b>Reconciliation of funds:</b>						
Total funds brought forward at 1 January		10,856	1,068,004	1,207	1,080,067	983,868
Total funds carried forward at 31 December	9	10,856	1,020,888	476	1,032,220	1,080,067

# THE ANALYTICAL METHODS TRUST

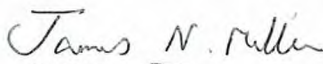
## BALANCE SHEET AS AT 31 DECEMBER 2022

Registered charity number: 1061108

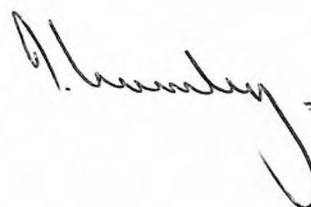
	Notes	Restricted Funds £	Unrestricted Funds £	Designated Funds £	2022 £	2021 £
<b>Fixed assets</b>						
Investments	8	-	954,665	-	954,665	1,010,227
<b>Current assets</b>						
Accrued income		-	4,266	-	4,266	3,736
Cash at bank		10,856	66,776	476	78,108	70,669
		10,856	71,042	476	82,374	74,405
<b>Current liabilities</b>						
Accruals		-	(4,819)	-	(4,819)	(4,565)
<b>Net current assets</b>		10,856	66,223	476	77,555	69,840
<b>Net assets</b>		10,856	1,020,888	476	1,032,220	1,080,067
<b>Represented by:</b>						
Accumulated fund	9	-	1,020,888	-	1,020,888	1,068,004
Lecture fund	9	-	-	476	476	1,207
Restricted funds	9	10,856	-	-	10,856	10,856
<b>Total funds</b>		10,856	1,020,888	476	1,032,220	1,080,067

The financial statements on pages 9 to 15 were approved by the trustees and authorised for issue on

30/08/2023 and signed on its behalf by:

  
JN Miller  
Trustee

ID Lumley  
Trustee



# THE ANALYTICAL METHODS TRUST

## NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2022

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### 1 Accounting policies

The Trust is an unincorporated charity (registered number 1061108), registered in England and Wales with its registered office address being The Royal Society of Chemistry, Burlington House, London W1J OBA.

The charity's objectives and aims are disclosed in the Committee Report on page 2.

#### **Basis of accounting**

The financial statements have been prepared under the historical cost convention as modified for the inclusion of investments at market value.

The financial statements have been prepared in accordance with the Statement of Recommended Practice: Accounting and Reporting by Charities preparing their financial statements in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) issued in October 2019, the Financial Reporting Standard applicable in the United Kingdom and Republic of Ireland (FRS 102), the Charities Act 2011 and UK Generally Accepted Practice as it applies from 1 January 2019.

The financial statements are prepared in Sterling, which is the functional currency of the charity. Monetary amounts in these financial statements are rounded to the nearest £1.

The financial statements have been prepared to give a 'true and fair' view and have departed from the Charities (Accounts and Reports) Regulations 2008 only to the extent required to provide a 'true and fair' view. This departure has involved following Accounting and Reporting by Charities (second edition – October 2019) preparing their financial statements in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) rather than the Accounting and Reporting by Charities: Statement of Recommended Practice effective from 1 April 2005 which has since been withdrawn.

The Trust constitutes a public benefit entity as defined by FRS 102.

#### **Going concern**

The trustees have considered whether it is appropriate to prepare the financial statements on the basis that the Trust is a going concern.

The charity is reliant on income from its investment portfolio stated at £29,979 (2021: £24,630) in the form of dividends to meet its annual expenditure. Despite starting to recover from the impact of Covid-19 in the prior year, the Trust's investments have been adversely affected this year by the war in Ukraine and the impact this has had on global markets. During the year the investments had generated net losses of £70,620 (2021: net gain of £76,034).

The trustees believe that the charity has sufficient funds to continue its activities for at least twelve months from the date of signing the financial statements and so the going concern basis of preparation remains appropriate.

#### **Investments**

Investments are stated at market value at the balance sheet date. The Statement of Financial Activities (SOFA) includes net gains and losses arising on revaluations and disposals throughout the year.

Unrealised gains and losses represent the movement in market values during the year and are credited or charged to the SOFA based on the market value at the year end.

#### **Cash and cash equivalents**

Cash and cash equivalents are represented by cash held at bank.

#### **Liabilities**

Liabilities are recognised when there is a contractual obligation to discharge a cost.

# THE ANALYTICAL METHODS TRUST

## NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2022

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### **Financial Instruments**

The charity has elected to apply the provisions of Section 11 'Basic Financial Instruments' of FRS 102 to all of its financial instruments. Financial instruments are recognised when the charity becomes party to the contractual provisions of the instrument.

Financial assets and liabilities are offset, with the net amounts presented in the financial statements, when there is a legally enforceable right to set off the recognised amounts and there is an intention to settle on a net basis or to realise the asset and settle the liability simultaneously.

All financial instruments of the charity are basic and therefore measured at amortised cost.

### **Fund accounting**

Unrestricted funds are general funds that are available for use at the trustees' discretion in furtherance of any objectives of the charity.

Designated funds are unrestricted funds set aside at the discretion of the trustees for specific purposes.

Restricted funds are those donated for use in a particular area or for specific purposes, the use of which is restricted to that area or purpose and the restriction means that the funds can only be used for specific projects or activities.

Monies received for various Expert Working Groups work are not regarded as restricted except that they be used solely for the furtherance of the Trust's aims. The trustees have set aside a designated fund to support lectures.

### **Income**

All income is accounted for in the period in which the charity is entitled to receipt.

### **Expenditure**

Expenditure is included on an accruals basis. Expenditure includes attributable VAT which cannot be recovered.

Expenses are allocated to the particular activity where the cost relates directly to that activity.

Governance costs comprise of costs for the running of the charity itself as an organisation.

Where costs cannot be directly attributed to a particular fund, it is estimated on the basis of the proportion of total income.

### **Grants payable with performance conditions**

Where the charity gives a grant with conditions for its payment being a specific level of service, such grants are only recognised in the SOFA once the recipient of the grant has provided the specified service.

### **Judgements and key sources of estimation uncertainty**

In the application of the Trust's accounting policies, the trustees are required to make judgements, estimates and assumptions about the carrying amount of assets and liabilities that are not readily apparent from other sources. The estimates and associated assumptions are based on historical experience and other factors that are considered to be relevant. Actual results may differ from these estimates. The estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognised in the period in which the estimate is revised where the revision affects only that period, or in the period of the revision and future periods where the revision affects both current and future periods.

The trustees do not consider any of these judgements or estimations to have any significant effect on the financial statements.

# THE ANALYTICAL METHODS TRUST

## NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2022

### 2 Employees

The charity had no employees in 2022 (2021: none) and no payroll costs were incurred (2021: £Nil).

### 3 Investment income

Unrestricted Funds	
2022	2021
£	£

Interest – fixed interest securities

29,979	24,630
--------	--------

### 4 Charitable activities income

Restricted Funds	
2022	2021
£	£

Grants received

-	2,075
---	-------

### 5 Charitable activities expenditure

Total Funds	
Total	Total
2022	2021
£	£

Meetings and education  
Support costs (Note 6)

2,327	2,147
4,879	4,393

7,206	6,540
-------	-------

All of the charitable activity expenditure in the current year was attributable to unrestricted funds (2021: £1,925 of meeting and education expenditure was attributable to restricted funds).

### 6 Support costs

Unrestricted Funds	
2022	2021
£	£

Honorarium – secretarial services  
Office expenses  
Governance costs (Note 7)

1,800	1,800
19	13
3,060	2,580

4,879	4,393
-------	-------

### 7 Governance costs

Unrestricted Funds	
2022	2021
£	£

Fees payable to the independent examiner for:  
Accounts preparation  
Independent examination

1,860	1,600
1,200	980

3,060	2,580
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# THE ANALYTICAL METHODS TRUST

## NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2022

8	Investments	2022 £	2021 £
	Market value as at 1 January	1,010,227	921,958
	Additions	15,058	12,235
	Net investment (loss)/gain	(70,620)	76,034
	Market value at 31 December	954,665	1,010,227
	Historic cost	857,885	842,827

9	Funds	At 1 January 2022 £	Income £	Expenditure £	Net loss on investments £	At 31 December 2022 £
	<b>Current year</b>					
	<b>Accumulated fund</b>	1,068,004	29,979	(6,475)	(70,620)	1,020,888
	<b>Designated funds:</b>					
	Lecture fund	1,207	-	(731)	-	476
	<b>Restricted funds:</b>					
	Food and Feed					
	Authenticity	8,781	-	-	-	8,781
	DEFRA projects	2,075	-	-	-	2,075
	<b>Total funds</b>	1,080,067	29,979	(7,206)	(70,620)	1,032,220
	<b>Prior year</b>					
	<b>Accumulated fund</b>	971,955	24,630	(4,615)	76,034	1,068,004
	<b>Designated funds:</b>					
	Lecture fund	1,207	-	-	-	1,207
	<b>Restricted funds:</b>					
	Food and Feed					
	Authenticity	8,781	-	-	-	8,781
	DEFRA projects	1,925	2,075	(1,925)	-	2,075
	<b>Total funds</b>	983,868	26,705	(6,540)	76,034	1,080,067

# THE ANALYTICAL METHODS TRUST

## NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2022

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### 9 Funds (continued)

The Accumulated Fund represents the free funds of the Trust.

The Designated Fund is a fund set up to maintain the Theobald Lectures.

#### Restricted Funds:

Food and Feed Authenticity represents grants given for work on nitrogen factors and also for work more generally on food and feed authenticity that may be undertaken by the Food and Feed expert Working Group.

During the prior year, one project, which commenced in 2019 and was funded by DEFRA, was completed. A total of £11,000 was received for the preparation of 'Guidance for the Organisation of a Nitrogen Factor Study'. The balance of £2,075 is being carried forward to cover future costs of the study and authenticity work.

### 10 Related party transactions and trustees' expenses and remuneration

The charity considers its Board of Trustees to be its key management personnel.

An Honorarium of £1,800 (2021: £1,800) was due to Dr R Wood, a trustee, for providing secretarial services. The trustees have previously agreed Dr R Wood would receive £200 per meeting attended.

No trustee was paid any remuneration during the current or previous year.

During the year, 6 (2021: 2) trustees received reimbursement for travel expenses and printing, postage and stationery expenses amounting to £687 (2021: £17).

### 11 Taxation

The Analytical Methods Trust is a registered charity and, as such, its income and gains falling within Sections 471 to 489 of the Corporation Tax Act 2010 or Section 256 of the Taxation of Chargeable Gains Act 1992 are exempt from corporation tax to the extent that they are applied to its charitable objectives.

**THE SOCIETY FOR ANALYTICAL CHEMISTRY ANALYTICAL METHODS TRUST FUND**

England & Wales - Charity number 1061108

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# Accounts

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**Charity Registration Number 1061108**

**THE ANALYTICAL METHODS TRUST**  
**UNAUDITED FINANCIAL STATEMENTS**  
**FOR THE YEAR ENDED**  
**31 DECEMBER 2021**

# THE ANALYTICAL METHODS TRUST

## LEGAL AND ADMINISTRATIVE INFORMATION

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<b>Trustees</b>	JN Miller (Chairman) F Sweeting D Stevenson AJ Handley CS Creaser G Greenway R Wood ID Lumley
<b>Honorary secretary to the trustees</b>	ID Lumley
<b>Principal office</b>	The Royal Society of Chemistry Burlington House London W1J 0BA
<b>Independent examiner</b>	Nicholas Sladden FCA DChA BFP RSM UK Tax and Accounting Limited 25 Farringdon Street London EC4A 4AB
<b>Investment advisers</b>	RCM (UK) Limited 155 Bishopsgate London EC2M 3AD
<b>Registered charity number</b>	1061108

# THE ANALYTICAL METHODS TRUST

## COMMITTEE REPORT

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The trustees present their report, along with the financial statements of the charity for the year ended 31 December 2021. The financial statements have been prepared in accordance with the Statement of Recommended Practice: Accounting and Reporting by Charities preparing their accounts in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) issued on 16 July 2014, the Financial Reporting Standard applicable in the United Kingdom and Republic of Ireland (FRS 102), the Charities Act 2011 and UK Generally Accepted Practice as it applies from 1 January 2019.

### **Structure, governance and management**

The Analytical Methods Trust (the Trust) is a registered charity under the name of The Society for Analytical Chemistry Analytical Methods Trust Fund (Charity Number 1061108) and is constituted by a Trust Deed dated 1 February 1956. The aim of the charity is to extend the knowledge and study of analytical chemistry, together with the development and validation of new and improved methods of analysis.

The trustees may invest in anything permitted by law but are restricted to investments in companies with paid up capital of £500,000 or over. The trust administers the day-to-day finances of the specialist Expert Working Groups of the Analytical Methods Committee.

The trustees, who have served during the year and since the year end are set out on page 1 and are all associated with the Analytical Division of the Royal Society of Chemistry (RSC); they meet in formal committee at least once per year. Day-to-day financial business is conducted by correspondence involving mainly the Chairman and Honorary Secretary to the trustees. New trustees are chosen by existing trustees. Trustees are expected to have demonstrated an interest in and to have long-term knowledge of the activities of the Analytical Methods Committee and its Sub-Committees. Most are likely to have extensive knowledge of analytical chemistry and of all matters relating to the analysis, nature and composition of natural and manufactured materials. Four out of the eight current trustees have been elected President of the Analytical Division of the Royal Society of Chemistry. The Trust considers all the above trustees to be their key management personnel.

The trustees who served from 1 January 2021 were:

JN Miller  
F Sweeting  
D Stevenson  
AJ Handley  
CS Creaser  
G Greenway  
R Wood  
ID Lumley

### **Objectives**

To promote and encourage the acquisition and dissemination of knowledge in regard to methods of chemical analysis and the education of persons as analytical chemists.

### **Risk management**

Trustees review the commitments expected to be made on the unrestricted funds annually, to assure themselves that demands normally fall within income. Trustees only accept funds for restricted work when an agreement to cover full costs has been received in advance. Financial procedures are in place to monitor expenditure on individual programmes, and these are reviewed periodically to ensure that they meet the current requirements of the Trust.

# THE ANALYTICAL METHODS TRUST

## COMMITTEE REPORT

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### Grant making policy

Outline programmes for the specialist Expert Working Groups (EWGs) are approved by the Analytical Methods Committee (AMC) of the Analytical Division, which receives regular reports on progress made. In addition, the Expert Working Groups publish their work in the scientific literature or on the website so permitting scrutiny by the analytical community. The AMC Chairman makes an annual report, including any recommendations for action or change resulting from AMC discussions to the trustees at the formal meeting. Decisions on granting financial support or partial support for lectureships, fellowships, studentships and other educational research are made only after consideration by the trustees and again regular progress reports are required. Work by the specialist Expert Working Groups is not authorised unless supporting finances from donations or investment income is guaranteed.

### Investment policy

The Trust has a capital investment currently with a market value of £1,010,227 generating income of about £25,000 per annum. The Trust invests in an Allianz portfolio Fixed Interest Fund – part of Allianz Global Investors, who manage the fund within a low risk policy of modest growth and reasonable income, and with the BlackRock Charishare Common Investment Fund.

The Trust's investments had been adversely affected by the Covid-19 (Coronavirus) outbreak. Following the full reopening of the UK in May 2021, these investments started to recover and at the year end they had generated a net gain of £76,034.

### Reserves policy

The accumulated capital remaining invested is regarded as a reserve to cover unforeseen eventualities in the administration or funding of work projects. The reserves policy is to retain the capital value of the fund, so far as this is practical in view of the market variations and, if possible, to use only the income from investments to support unrestricted activities. Method development programmes and educational projects are carefully examined before commencement and regular progress meetings are required. Restricted funds are expected to cover the full costs of restricted activities with the expenses of these programmes carried by specific sponsors and are not expected to impinge on reserves. At 31 December 2021, unrestricted funds amounted to £1,068,004 (2020: £971,955) of which £1,207 is designated (2020: £1,207) and restricted reserves for the year were £10,856 (2020: £10,706).

## ACHIEVEMENTS AND PERFORMANCE

The work of the AMC Expert Working Groups is no longer routinely supported by any outside organisation. As a result a review system for the EWGs has been implemented. Each will be assessed for need and effectiveness on a three year rolling programme.

The past twelve months have again seen much activity in the area of AMC publications and initiatives. The website has now become the main vehicle for AMC communication and publication. The most on-going popular activity has been the software that the AMC has produced followed by the various Technical Briefs.

Ten new "Technical Briefs" have been added this year; they are:

1. X-ray micro-computed tomography for heritage building materials  
(*Anal. Methods*, 2021, **13**, 5875)  
Downloaded 63 times in 2021
2. Hand-held X-ray fluorescence analysis of archaeological artefacts: challenges, advantages and limitations  
(*Anal. Methods*, 2021, **13**, 3731)  
Downloaded 85 times in 2021
3. Method selection for liquid chromatography  
(*Anal. Methods*, 2021, **13**, 3205)  
Downloaded 138 times in 2021
4. Fourier transform infrared spectroscopic analysis of organic archaeological materials: background paper  
(*Anal. Methods*, 2021, **13**, 2997)  
Downloaded 180 times in 2021

# THE ANALYTICAL METHODS TRUST

## COMMITTEE REPORT

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5. How reliable is my uncertainty estimate?  
(*Anal. Methods*, 2021, **13**, 2728)  
Downloaded 182 times in 2021
6. Thermal desorption part 2: applications in analytical measurement  
(*Anal. Methods*, 2021, **13**, 2345)  
Downloaded 73 times in 2021
7. Wax and wax-like materials – the what, where, and how in heritage collections  
(*Anal. Methods*, 2021, **13**, 2075)  
Downloaded 64 times in 2021
8. Simplex optimisation in practice  
(*Anal. Methods*, 2021, **13**, 955)  
Downloaded 88 times in 2021
9. Analysis of historical dyes in heritage objects  
(*Anal. Methods*, 2021, **13**, 558)  
Downloaded 172 times in 2021
10. Multivariate statistics in the analytical laboratory (1): an introduction  
(*Anal. Methods*, 2021, **13**, 274)  
Downloaded 151 times in 2021

The Technical Briefs were published in the RSC journal *Analytical Methods* as well as on the AMC Web-site; they are directly downloadable from both sources. They are peer reviewed from within the AMC.

The Technical Briefs that have been prepared bring up-to-date technical information to members of the Analytical Division and the wider Analytical Community. The areas covered reflect the activities of the various subcommittees of the AMC, and concentrate on items that are important for analytical scientists, currently topical, and not readily available from other sources.

The Briefs are carefully drafted by Expert Working Groups and then separately scrutinised by the whole AMC before final approval and publication. Apart from their general application, they comprise a useful addition to CPD and so include a CPD Statement.

In addition, a number of Reports have been published, most notably:

Application of Gas-Liquid Chromatography to the Analysis of Essential Oils

Part XXIV: Part 1 of 3: Fingerprint chromatograms of esters-containing essential oils: Chamomile English Perfumer and Flavorist 2021, 46 (Aug), 42 - 47

Application of Gas-Liquid Chromatography to the Analysis of Essential Oils

Part XXIV: Part 2 of 3: Fingerprint chromatograms of esters-containing essential oils: bergamot oil, clary sage oil and spike lavender oil.  
Perfumer and Flavorist 2021, 46 (Sept), 36 – 43 + RM 1 - 3

Application of Gas-Liquid Chromatography to the Analysis of Essential Oils

Part XXIV: Part 3 of 3: Fingerprint chromatographs of esters-containing essential oils: neroli oil, petitgrain bigarade oil and petitgrain oil Paraguay  
Perfumer and Flavorist 2021, 46 (Oct), 26 - 32

The following Expert Working Groups are appointed by the AMC/AD Council and which are supported by the AMC Trust, but sometimes receive additional external financial support:

# THE ANALYTICAL METHODS TRUST

## COMMITTEE REPORT

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- **Animal Feeding Stuffs EWG**

The work of this EWG was re-assessed and it is being maintained in a "semi-dormant" state. This is unfortunate given the amount of work that is currently on-going in the CEN Technical Committee, some of which is supported by the EU Commission. This will become increasingly important as the UK loses its input into the EU Commission post Brexit.

- **Essential Oils EWG**

The aims of the EWG are the elaboration and validation of analytical methods to determine the quality and authenticity of traded essential oils. It acts as the BSI Mirror Group for Essential Oils and has assessed and commented on a number of ISO Standards. Members of this EWG have been very active and have undertaken a number of fingerprinting exercises for specific essential oils. This is particularly important given how the REACH Regulations will affect the work of the sector.

- **Food and Feed Authenticity EWG (previously the Nitrogen Factors Sub-Committee)**

Because of activities in the CEN Sector, with the creation of a new Technical Committee (CEN TC 460) dealing with food and feed authenticity, the EWG has been re-shaped such that there is a parent Group with various topic area Groups being devised. Typically these will mirror the nitrogen factors work which reflects the origin of this EWG. The UK is putting in a fair amount of effort into the CEN activities in this area and will take the convenorship of some of the TC 460 Working Groups.

The Nitrogen Factors Group has looked at project work supported by the Department of the Environment, Food and Royal Affairs (Defra). Draft sampling protocols were prepared for reduced sampling in the meat and fish areas and recently published.

- **Heritage Science EWG**

This EWG aims to promote the role and importance of analytical science in the heritage science sector. It appointed a new Chair in 2018 and she has been particularly active in showing how specific analytical techniques are used within the sector. She was awarded the AMT's 2019 L S Theobald Lectureship.

- **Instrumental Analysis EWG**

This EWG was formed by amalgamating the Instrumental Criteria Sub-Committee and the Mass Spectrometry Sub-Committee. It aims to consider and give recommendations on features of specific analytical instruments and to provide a forum for discussion of all aspects of mass spectrometry pertinent to obtaining reliable data with the aims of promoting best practice in the application of mass spectrometry. It has been very active and effective under the Chairmanship of Mike Sargent, LGC.

- **The Statistical Methods EWG**

Statistics, as the conceptual language of calibration and all aspects of data quality, plays an axial role in analytical science. The Chairman, Professor Jim Miller, has progressed a significant number of Technical Briefs through the system. The Working Group is considering how to make available the software packages in the readily accessible Excel rather than in more complex statistical programmes such as R. This will require commissioning of project work by a software development company.

- **Sampling Uncertainty/Sampling Quality EWG**

The aim is to consider the effect of sampling uncertainty, and procedures for its elaboration, and to make recommendations as to best practice in aspects of sampling. Its work has been considered by the Codex Alimentarius Commission and has commented on papers drafted within Codex. It has the opportunity to prepare and submit papers to the Codex Committee on Methods of Analysis and Sampling.

It helped revise the second edition of the Guide "Measurement uncertainty arising from sampling". This was prepared jointly with Eurolab, Nordtest, and RSC Analytical Methods Committee as well as Eurachem and CITAC.

# THE ANALYTICAL METHODS TRUST

## COMMITTEE REPORT

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It has now held joint meetings with the equivalent Working Group of Eurachem and will publish joint documents (AMC Technical Briefs and Eurachem Leaflets).

### L S Theobald Lectureship

The 2020 award was made to Professor Tom Fearn, University College, London. The Lecture has not been given yet as his topic area was thought to be much better held in a physical meeting. Clearly it has been not possible to hold any such event because of the Covid-19 pandemic.

### MyRSC

MyRSC now acts as the discussion board for the AMC, and is entitled "Analytical Methods Committee - Announcements and Discussions". It is disappointing that the topics discussed during the year have been less diverse than in previous years.

There are currently 800 members of the MyRSC Analytical Methods Group. Many of the topics are also put up on the MyRSC Analytical Division Group which has 2400 members.

### FUTURE PLANS - Effect of Covid-19 Pandemic

At the 124th meeting (26th August 2021) Trustees considered the impact of the ongoing Covid-19 (Coronavirus) outbreak on their future plans and at this stage there is no change to the overall strategy of the Trust. Trustees did decide that in exceptional circumstances, if investment income was insufficient, invested capital may be used to fund strategically important projects. This decision is consistent with the Trust's Risk Management statement and its Reserves Policy. Any decision to realise invested capital would require the usual thorough examination and agreement by Trustees.

The day-to-day running of the AMC, the principal effect of the current pandemic is for all meetings since April 2020 being held virtually (using the Zoom platform). This has had the advantage of bringing together participants in EWGs who would not otherwise have travelled to the meetings. It will be interesting to see what effect the pandemic will have on the long-term workings of the AMC and its Expert Working Groups.

### PUBLIC BENEFIT

The work of the Analytical Methods Committee is of particular importance given that it directly enables analytical data to be produced which is both accurate and reliable. This is particularly important not only to the honest manufacturer but also to enforcement bodies and ultimately the consumer. It is operated on a cross-party basis, i.e. the scientific merits of particular problems are addressed without undue influence from industry, enforcement, government or referee analyst perspectives. However, there will be attempts to review the long-term AMC strategy given the likely funding arrangements and indeed the possible loss of future collaboration with European colleagues post Brexit. It is important that it maintains and indeed increases the inputs that it makes to any EU focused organisation.

### PERSONNEL

It should be noted that Dr Andy Damant has resigned from being the editor of Technical Briefs. He has been replaced by Judith Egan-Shuttler. We express our thanks to Andy for all the work that he has done with respect to the editorship.

# THE ANALYTICAL METHODS TRUST

## COMMITTEE REPORT

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### ACKNOWLEDGEMENTS

I would like to formally thank all outside organisations for their support-in-kind.

This report would not be complete without an expression of thanks to those persons in academia, industry and the public service who have given their time and expertise to the AMC.

Without their assistance little would be achieved.

Approved by the trustees on ...1/09/22 and signed on their behalf by:

*James N. Rutter*

*RP*

Dr Roger Wood OBE MChemA CChem FRSC  
Secretary, Analytical Methods Committee

# THE ANALYTICAL METHODS TRUST

## COMMITTEE REPORT

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### Appendix: Analytical Methods Committee Terms of Reference

The Analytical Methods Committee (AMC) is a Committee of the RSC Analytical Division Council. The broad aim of the AMC is to actively contribute to the national and international efforts to establish a comprehensive framework for quality in analytical measurement, to improve and develop analytical methodology and to keep the wider analytical science community informed of developments.

The Committee operates through Expert Working Groups dealing with specific topic areas. It is responsible for the general supervision and monitoring of such Expert Working Groups. However, it will also operate directly as and when the need is demonstrated.

### Terms of Reference

- To take a leading role in identifying and promulgating best practice in analytical science; including aspects relating to sampling, analysis, statistical methods, equipment, instrumentation and materials.
- To approve and recommend the publication of validated methods.
- To provide independent and impartial advice to stakeholders such as regulatory and harmonisation bodies.
- To generate validated compositional data of natural products for interpretative and enforcement purposes.
- To issue guidance such as Reports, Technical Briefs, Recommendations, Background Papers and software on topic areas of interest to promote the education and training of analytical scientists.
- To appoint and disband Expert Working Groups as required with the approval of AD Council and the Analytical Methods Trust, which funds their activity.
- To liaise with other national and international bodies in the field of standardisation.
- To nominate expert members to relevant regulatory and standards bodies on behalf of the RSC (See Note below).
- To receive and act on reports from representatives on other committees where relevant to the work of the AMC.
- To provide technical advice to UKAS on analytical quality issues.

Note: Experts nominated by the AMC shall act in their capacity as individual technical experts and do not necessarily represent the views of the RSC unless additionally authorised to do so by RSC Council.

## INDEPENDENT EXAMINER'S REPORT TO THE TRSUTEES OF THE ANALYTICAL METHODS TRUST

I report to the trustees on my examination of the financial statements of The Analytical Methods Trust for the year ended 31 December 2021, which are set out on pages 10 to 16.

### Responsibilities and basis of report

As the trustees of the charity you are responsible for the preparation of the financial statements in accordance with the requirements of the Charities Act 2011 ('the 2011 Act').

I report in respect of my examination of the charity's financial statements carried out under section 145 of the 2011 Act and in carrying out my examination I have followed all the applicable Directions given by the Charity Commission under section 145 (5)(b) of the 2011 Act.

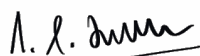
An independent examination does not involve gathering all the evidence that would be required in an audit and consequently does not cover all the matters that an auditor considers in giving their opinion on the financial statements. The planning and conduct of an audit goes beyond the limited assurance that an independent examination can provide. Consequently, I express no opinion as to whether the financial statements present a 'true and fair view' and my report is limited to those specific matters set out in the independent examiner's statement.

### Independent examiner's statement

I have completed my examination. I confirm that no material matters have come to my attention in connection with the examination giving me reasonable cause to believe that in any material respect:

1. accounting records were not kept in respect of the charity as required by section 130 of the 2011 Act; or
2. the financial statements do not accord with those records; or
3. the financial statements do not comply with the applicable requirements concerning the form and content of financial statements set out in the Charities (Accounts and Reports) Regulations 2008 other than any requirement that the financial statements give a 'true and fair view' which is not a matter considered as part of an independent examination.

I have no concerns and have come across no other matters in connection with the examination to which attention should be drawn in this report in order to enable a proper understanding of the financial statements to be reached.



Name: Nicholas Sladden

Name of applicable listed body: The Institute of Chartered Accountants in England and Wales

Relevant professional qualification or membership of professional body: FCA DChA BFP

On behalf of RSM UK TAX AND ACCOUNTING LIMITED

Chartered Accountants

25 Farringdon Street

London

EC4A 4AB

15 September 2022

# THE ANALYTICAL METHODS TRUST

## STATEMENT OF FINANCIAL ACTIVITIES FOR THE YEAR ENDED 31 DECEMBER 2021

	Notes	Restricted Funds £	Unrestricted Funds £	Designated Funds £	2021 £	2020 £
<b>Income from:</b>						
Investments	3	-	24,630	-	24,630	22,798
Charitable activities	4	2,075	-	-	2,075	6,825
<b>Total</b>		2,075	24,630	-	26,705	29,623
<b>Expenditure on:</b>						
Charitable activities	5	(1,925)	(4,615)	-	(6,540)	(14,353)
Net gains/(losses) on investments		-	76,034	-	76,034	(48,295)
<b>Net income/(deficit) and net movement in funds</b>		150	96,049	-	96,199	(33,025)
<b>Reconciliation of funds:</b>						
Total funds brought forward at 1 January		10,706	971,955	1,207	983,868	1,016,893
Total funds carried forward at 31 December	9	10,856	1,068,004	1,207	1,080,067	983,868

# THE ANALYTICAL METHODS TRUST

**BALANCE SHEET  
AS AT 31 DECEMBER 2021**

**Registered charity number: 1061108**

	Notes	Restricted Funds £	Unrestricted Funds £	Designated Funds £	2021 £	2020 £
<b>Fixed assets</b>	<b>8</b>					
Investments		-	1,010,227	-	1,010,227	921,958
<b>Current assets</b>						
Accrued income		-	3,736	-	3,736	3,673
Cash at bank		10,856	58,606	1,207	70,669	62,648
		10,856	62,342	1,207	74,405	66,321
<b>Current liabilities</b>						
Accruals		-	(4,565)	-	(4,565)	(4,411)
<b>Net current assets</b>		10,856	57,777	1,207	69,840	61,910
<b>Net assets</b>		10,856	1,068,004	1,207	1,080,067	983,868
<b>Represented by:</b>						
Accumulated fund	9	-	1,068,004	-	1,068,004	971,955
Lecture fund	9	-	-	1,207	1,207	1,207
Restricted funds	9	10,856	-	-	10,856	10,706
<b>Total funds</b>		10,856	1,068,004	1,207	1,080,067	983,868

The financial statements on pages 10 to 16 were approved by the trustees and authorised for issue on

11/09/22 and signed on its behalf by:

JN Miller  
Trustee

*James W. Miller*

ID Lumley  
Trustee

*I. Lumley*

# THE ANALYTICAL METHODS TRUST

## NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2021

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### 1 Accounting policies

The Trust is an unincorporated charity (registered number 1061108), registered in England and Wales with its registered office address being The Royal Society of Chemistry, Burlington House, London W1J 0BA.

The charity's objectives and aims are disclosed in the Committee Report on page 2.

#### **Basis of accounting**

The financial statements have been prepared under the historical cost convention as modified for the inclusion of investments at market value.

The financial statements have been prepared in accordance with the Statement of Recommended Practice: Accounting and Reporting by Charities preparing their financial statements in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) issued on 16 July 2014, the Financial Reporting Standard applicable in the United Kingdom and Republic of Ireland (FRS 102), the Charities Act 2011 and UK Generally Accepted Practice as it applies from 1 January 2019.

The financial statements are prepared in Sterling, which is the functional currency of the charity. Monetary amounts in these financial statements are rounded to the nearest £1.

The financial statements have been prepared to give a 'true and fair' view and have departed from the Charities (Accounts and Reports) Regulations 2008 only to the extent required to provide a 'true and fair' view. This departure has involved following Accounting and Reporting by Charities (second edition – October 2019) preparing their financial statements in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) issued on 16 July 2014 rather than the Accounting and Reporting by Charities: Statement of Recommended Practice effective from 1 April 2005 which has since been withdrawn.

The Trust constitutes a public benefit entity as defined by FRS 102.

#### **Going concern**

The trustees have considered whether it is appropriate to prepare the financial statements on the basis that the Trust is a going concern.

The charity is reliant on income from its investment portfolio stated at £24,630 (2020: £22,798) in the form of dividends to meet its annual expenditure. The Trust's investments had been adversely affected by the Covid-19 (Coronavirus) outbreak. Following the full reopening of the UK in May 2021, these investments started to recover and at the year end had generated net gains of £76,034.

The trustees believe that the charity has sufficient funds to continue its activities for at least twelve months from the date of signing the financial statements and so the going concern basis of preparation remains appropriate.

#### **Investments**

Investments are stated at market value at the balance sheet date. The Statement of Financial Activities (SOFA) includes net gains and losses arising on revaluations and disposals throughout the year.

Unrealised gains and losses represent the movement in market values during the year and are credited or charged to the SOFA based on the market value at the year end.

#### **Cash and cash equivalents**

Cash and cash equivalents are represented by cash held at bank.

#### **Liabilities**

Liabilities are recognised when there is a contractual obligation to discharge a cost.

# THE ANALYTICAL METHODS TRUST

## NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2021

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### **Financial Instruments**

The charity has elected to apply the provisions of Section 11 'Basic Financial Instruments' and Section 12 'Other Financial Instruments' of FRS 102 to all of its financial instruments. Financial instruments are recognised when the charity becomes party to the contractual provisions of the instrument.

Financial assets and liabilities are offset, with the net amounts presented in the financial statements, when there is a legally enforceable right to set off the recognised amounts and there is an intention to settle on a net basis or to realise the asset and settle the liability simultaneously.

All financial instruments of the charity are basic and therefore measured at amortised cost.

### **Fund accounting**

Unrestricted funds are general funds that are available for use at the trustees' discretion in furtherance of any objectives of the charity.

Designated funds are unrestricted funds set aside at the discretion of the trustees for specific purposes.

Restricted funds are those donated for use in a particular area or for specific purposes, the use of which is restricted to that area or purpose and the restriction means that the funds can only be used for specific projects or activities.

Monies received for various Expert Working Groups work are not regarded as restricted except that they be used solely for the furtherance of the Trust's aims. The trustees have set aside a designated fund to support lectures.

### **Income**

All income is accounted for in the period in which the charity is entitled to receipt.

### **Expenditure**

Expenditure is included on an accruals basis. Expenditure includes attributable VAT which cannot be recovered.

Expenses are allocated to the particular activity where the cost relates directly to that activity.

Governance costs comprise of costs for the running of the charity itself as an organisation.

Where costs cannot be directly attributed to a particular fund, it is estimated on the basis of the proportion of total income.

### **Grants payable with performance conditions**

Where the charity gives a grant with conditions for its payment being a specific level of service, such grants are only recognised in the SOFA once the recipient of the grant has provided the specified service.

### **Judgements and key sources of estimation uncertainty**

In the application of the Trust's accounting policies, the trustees are required to make judgements, estimates and assumptions about the carrying amount of assets and liabilities that are not readily apparent from other sources. The estimates and associated assumptions are based on historical experience and other factors that are considered to be relevant. Actual results may differ from these estimates. The estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognised in the period in which the estimate is revised where the revision affects only that period, or in the period of the revision and future periods where the revision affects both current and future periods.

The trustees do not consider any of these judgements or estimations to have any significant effect on the financial statements.

# THE ANALYTICAL METHODS TRUST

## NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2021

### 2 Employees

The charity has no employees in 2021 (2020: none) and no payroll costs were incurred (2020: £Nil).

3 Investment income	Unrestricted Funds	
	2021	2020
	£	£
Interest – fixed interest securities	24,630	22,798

4 Charitable activities income	Restricted Funds	
	2021	2020
	£	£
Grants received	2,075	6,825

5 Charitable activities expenditure	Restricted	Unrestricted	Total	Total
	Fund	Funds	2021	2020
	£	£	£	£
Meetings and education	1,925	222	2,147	10,057
Support costs (Note 6)	-	4,393	4,393	4,296
	1,925	4,615	6,540	14,353

£7,353 of the charitable activities expenditure in the year to 31 December 2020 was attributable to unrestricted funds and £7,000 attributable to restricted funds.

6 Support costs	Unrestricted Funds	
	2021	2020
	£	£
Honorarium – secretarial services	1,800	1,800
Office expenses	13	36
Governance costs (Note 7)	2,580	2,460
	4,393	4,296

7 Governance costs	Unrestricted Funds	
	2021	2020
	£	£
Fees payable to the independent examiner for:		
Accounts preparation	1,600	1,515
Independent examination	980	945
	2,580	2,460

# THE ANALYTICAL METHODS TRUST

## NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2021

<b>8</b>	<b>Investments</b>				<b>2021</b>	<b>2020</b>
					<b>£</b>	<b>£</b>
	Market value as at 1 January				921,958	959,337
	Additions				12,235	10,916
	Net investment gain/(loss)				76,034	(48,295)
	Market value at 31 December				1,010,227	921,958
	Historic cost				846,129	833,894
<b>9</b>	<b>Funds</b>					
	<b>Current year</b>	<b>At 1</b>	<b>Income</b>	<b>Expenditure</b>	<b>Net</b>	<b>At 31</b>
		<b>January</b>			<b>gain on</b>	<b>December</b>
		<b>2021</b>			<b>investments</b>	<b>2021</b>
		<b>£</b>	<b>£</b>	<b>£</b>	<b>£</b>	<b>£</b>
	<b>Accumulated fund</b>	971,955	24,630	(4,615)	76,034	1,068,004
	<b>Designated funds:</b>					
	Lecture fund	1,207	-	-	-	1,207
	<b>Restricted funds:</b>					
	Food and Feed					
	Authenticity	8,781	-	-	-	8,781
	DEFRA projects	1,925	2,075	(1,925)	-	2,075
	<b>Total funds</b>	<b>983,868</b>	<b>26,705</b>	<b>(6,540)</b>	<b>76,034</b>	<b>1,080,067</b>

The Accumulated Fund represents the free funds of the Trust.

The Designated Fund is a fund set up to maintain the Theobald Lectures.

### Restricted Funds:

Food and Feed Authenticity represents grants given for work on nitrogen factors and also for work more generally on food and feed authenticity that may be undertaken by the Food and Feed expert Working Group.

During the year, one project (commenced 2019) was funded by DEFRA and was completed. A total of £11,000 has been received for the preparation of 'Guidance for the Organisation of a Nitrogen Factor Study'. This project was completed, and the finance income was received in the current year. The balance of £2,075 is being carried forward to cover future costs of the study and authenticity work.

# THE ANALYTICAL METHODS TRUST

## NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2021

9 Funds (continued) Prior year	At 1 January 2020 £	Income £	Expenditure £	Net loss on investments £	At 31 December 2020 £
<b>Accumulated fund</b>	1,003,708	22,798	(6,256)	(48,295)	971,955
<b>Designated funds:</b>					
Lecture fund	2,304	-	(1,097)	-	1,207
<b>Restricted funds:</b>					
Food and Feed Authenticity	8,781	-	-	-	8,781
DEFRA projects	2,100	6,825	(7,000)	-	1,925
<b>Total funds</b>	<b>1,016,893</b>	<b>29,623</b>	<b>(14,353)</b>	<b>(48,295)</b>	<b>983,868</b>

### 10 Related party transactions and trustees' expenses and remuneration

The charity considers its Board of Trustees to be its key management personnel.

An Honorarium of £1,800 (2020: £1,800) was due to Dr R Wood, a trustee, for providing secretarial services. The trustees have previously agreed Dr R Wood would receive £200 per meeting attended.

No trustee was paid any remuneration during the current or previous year.

During the year, 2 (2020: 2) trustees received reimbursement for travel expenses and printing, postage and stationery expenses amounting to £17 (2020: £202).

### 11 Taxation

The Analytical Methods Trust is a registered charity and, as such, its income and gains falling within Sections 471 to 489 of the Corporation Tax Act 2010 or Section 256 of the Taxation of Chargeable Gains Act 1992 are exempt from corporation tax to the extent that they are applied to its charitable objectives.

**THE SOCIETY FOR ANALYTICAL CHEMISTRY ANALYTICAL METHODS TRUST FUND**

England & Wales - Charity number 1061108

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# Accounts

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**Charity Registration Number 1061108**

**THE ANALYTICAL METHODS TRUST**

**UNAUDITED FINANCIAL STATEMENTS**

**FOR THE YEAR ENDED**

**31 DECEMBER 2020**

# THE ANALYTICAL METHODS TRUST

## LEGAL AND ADMINISTRATIVE INFORMATION

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<b>Trustees</b>	JN Miller (Chairman) FW Sweeting D Stevenson AJ Handley CS Creaser GM Greenway R Wood ID Lumley
<b>Honorary secretary to the trustees</b>	ID Lumley
<b>Principal office</b>	The Royal Society of Chemistry Burlington House London W1J OBA
<b>Independent examiner</b>	Nicholas Sladden FCA DChA BFP RSM UK Tax and Accounting Limited 25 Farringdon Street London EC4A 4AB
<b>Investment advisers</b>	RCM (UK) Limited 155 Bishopsgate London EC2M 3AD
<b>Registered charity number</b>	1061108

# THE ANALYTICAL METHODS TRUST

## COMMITTEE REPORT

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The trustees present their report, along with the financial statements of the charity for the year ended 31 December 2020. The financial statements have been prepared in accordance with the Statement of Recommended Practice: Accounting and Reporting by Charities preparing their accounts in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) issued on 16 July 2014, the Financial Reporting Standard applicable in the United Kingdom and Republic of Ireland (FRS 102), the Charities Act 2011 and UK Generally Accepted Practice as it applies from 1 January 2019.

### **Structure, governance and management**

The Analytical Methods Trust (the Trust) is a registered charity under the name of The Society for Analytical Chemistry Analytical Methods Trust Fund (Charity Number 1061108) and is constituted by a Trust Deed dated 1 February 1956. The aim of the charity is to extend the knowledge and study of analytical chemistry, together with the development and validation of new and improved methods of analysis.

The trustees may invest in anything permitted by law but are restricted to investments in companies with paid up capital of £500,000 or over. The trust administers the day-to-day finances of the specialist Expert Working Groups of the Analytical Methods Committee.

The trustees, who have served during the year and since the year end are set out on page 1 and are all associated with the Analytical Division of the Royal Society of Chemistry (RSC); they meet in formal committee at least once per year. Day-to-day financial business is conducted by correspondence involving mainly the Chairman and Honorary Secretary to the trustees and the Honorary Treasurer of the Analytical Division. New trustees are chosen by existing trustees. Trustees are expected to have demonstrated an interest in and to have long-term knowledge of the activities of the Analytical Methods Committee and its Sub-Committees. Most are likely to have extensive knowledge of analytical chemistry and of all matters relating to the analysis, nature and composition of natural and manufactured materials. Four out of the eight current trustees have been elected President of the Analytical Division of the Royal Society of Chemistry. The Trust considers all the above trustees to be their key management personnel.

The trustees who served from 1 January 2020 were:

JN Miller  
FW Sweeting  
D Stevenson  
AJ Handley  
CS Creaser  
GM Greenway  
R Wood  
ID Lumley

### **Objectives**

To promote and encourage the acquisition and dissemination of knowledge in regard to methods of chemical analysis and the education of persons as analytical chemists.

### **Risk management**

Trustees review the commitments expected to be made on the unrestricted funds annually, to assure themselves that demands normally fall within income. Trustees only accept funds for restricted work when an agreement to cover full costs has been received in advance. Financial procedures are in place to monitor expenditure on individual programmes, and these are reviewed periodically to ensure that they meet the current requirements of the Trust.

# THE ANALYTICAL METHODS TRUST

## COMMITTEE REPORT

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### Grant making policy

Outline programmes for the specialist Expert Working Groups (EWGs) are approved by the Analytical Methods Committee (AMC) of the Analytical Division, which receives regular reports on progress made. In addition, the Expert Working Groups publish their work in the scientific literature or on the website so permitting scrutiny by the analytical community. The AMC Chairman makes an annual report, including any recommendations for action or change resulting from AMC discussions, to the trustees at the formal meeting. Decisions on granting financial support or partial support for lectureships, fellowships, studentships and other educational research are made only after consideration by the trustees and again regular progress reports are required. Work by the specialist Expert Working Groups is not authorised unless supporting finances from donations or investment income is guaranteed.

### Investment policy

The Trust has a capital investment currently with a market value of £921,958 generating income of about £23,000 per annum. The Trust invests in an Allianz portfolio Fixed Interest Fund – part of Allianz Global Investors, who manage the fund within a low risk policy of modest growth and reasonable income, and with the BlackRock Charishare Common Investment Fund.

The valuation of these investments has been adversely affected by the growing impact of the Covid-19 (Coronavirus) outbreak. Given the unpredictable nature and impact of the outbreak, and how rapidly the responses to the outbreak are changing, the trustees are unable to predict the full extent of the impact with regards to the carrying value of the investments and income generation, however, there has been some improvements to the market since the year end.

### Reserves policy

The accumulated capital remaining invested is regarded as a reserve to cover unforeseen eventualities in the administration or funding of work projects. The reserves policy is to retain the capital value of the fund, so far as this is practical in view of the market variations and, if possible, to use only the income from investments to support unrestricted activities. Method development programmes and educational projects are carefully examined before commencement and regular progress meetings are required. Restricted funds are expected to cover the full costs of restricted activities with the expenses of these programmes carried by specific sponsors and are not expected to impinge on reserves. At 31 December 2020, unrestricted funds amounted to £971,955 (2019: £1,006,012) of which £1,207 is designated (2019: £2,304) and restricted reserves for the year were £10,706 (2019: £10,881).

## ACHIEVEMENTS AND PERFORMANCE

The work of the AMC Expert Working Groups is no longer routinely supported by any outside organisation. As a result a review system for the EWGs has been implemented. Each will be assessed for need and effectiveness on a three year rolling programme.

The past twelve months has again seen much activity in the area of AMC publications and initiatives. The website has now become the main vehicle for AMC communication and publications and has averaged about 2000 hits per month. Of these the most on-going popular activity has been the software that the AMC has produced followed by the various Technical Briefs.

Seven new “Technical Briefs” have been added this year; they are:

1. X-ray micro computed tomography in cultural Heritage  
(*Anal. Methods*, 2020, **12**, 4496)
2. Thermal desorption part 1: introduction and Instrumentation  
(*Anal. Methods*, 2020, **12**, 3425)
3. What’s novel in the new Eurachem guide on uncertainty from sampling?  
(*Anal. Methods*, 2020, **12**, 2295)
4. Experimental design and optimisation (5): an introduction to optimisation  
(*Anal. Methods*, 2020, **12**, 2422)
5. An introduction to hand-held infra-red and Raman Instrumentation  
(*Anal. Methods*, 2020, **12**, 1532)

# THE ANALYTICAL METHODS TRUST

## COMMITTEE REPORT

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6. To p or not to p: the use of p-values in analytical Science  
(*Anal. Methods*, 2020, 12, 872)
7. The edge of reason: reporting and inference near the detection limit  
(*Anal. Methods*, 2020, 12, 401)

The Technical Briefs were published in the RSC journal *Analytical Methods* as well as on the AMC Web-site; they are directly downloadable from both sources. They are peer reviewed from within the AMC.

The Technical Briefs that have been prepared bring up-to-date technical information to members of the Analytical Division and the wider Analytical Community. The areas covered reflect the activities of the various subcommittees of the AMC, and concentrate on items that are important for analytical scientists, currently topical, and not readily available from other sources.

The Briefs are carefully drafted by Expert Working Groups and then separately scrutinised by the whole AMC before final approval and publication. Apart from their general application, they comprise a useful addition to CPD and so include a CPD Statement.

The following Expert Working Groups are appointed by the AMC/AD Council and which are supported by the AMC Trust, but sometimes receive additional external financial support:

- **Animal Feeding Stuffs EWG**

The work of this EWG was re-assessed and it is being maintained in a "semi-dormant" state. This is unfortunate given the amount of work that is currently on-going in the CEN Technical Committee, some of which is supported by the EU Commission. This will become increasingly important as the UK loses its input into the EU Commission post Brexit.

- **Essential Oils EWG**

The aims of the EWG are the elaboration and validation of analytical methods to determine the quality and authenticity of traded essential oils. It acts as the BSI Mirror Group for Essential Oils and has assessed and comments on a number of ISO Standards. Members of this EWG has been very active and have undertaken a number of finger-printing exercise for specific essential oils. This is particularly important given how the REACH Regulations will affect the work of the sector.

- **Food and Feed Authenticity EWG (previously the Nitrogen Factors Sub-Committee)**

Because of activities in the CEN Sector, with the creation of a new Technical Committee (CEN TC 460) dealing with food and feed authenticity, the EWG has been re-shaped such that there is a parent Group with various topic area Groups being devised. Typically these will mirror the nitrogen factors work which reflects the origin of this EWG. The UK is putting in a fair amount of effort into the CEN activities in this area and will take the convenorship of some of the TC 460 Working Groups.

The Nitrogen Factors Group has looked at project work supported by the Department of the Environment, Food and Rural Affairs (Defra). Draft sampling protocols were prepared for reduced sampling in the meat and fish areas and recently published.

- **Heritage Science EWG**

This EWG aims to promote the role and importance of analytical science in the heritage science sector. It appointed a new Chair in 2018 and she has been particularly active in showing how specific analytical techniques are used within the sector. She was awarded the AMT's 2019 L S Theobald Lectureship.

# THE ANALYTICAL METHODS TRUST

## COMMITTEE REPORT

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- **Instrumental Analysis EWG**

This EWG was formed by amalgamating the Instrumental Criteria Sub-Committee and the Mass Spectrometry Sub-Committee. It aims to consider and give recommendations on features of specific analytical instruments and to provide a forum for discussion of all aspects of mass spectrometry pertinent to obtaining reliable data with the aims of promoting best practice in the application of mass spectrometry. It has been very active and effective under the Chairmanship of Mike Sargent, LGC.

- **The Statistical Methods EWG**

Statistics, as the conceptual language of calibration and all aspects of data quality, plays an axial role in analytical science. The Chairman, Professor Jim Miller, has progressed a significant number of Technical Briefs through the system. The Working Group is considering how to make available the software packages in the readily accessible Excel rather than in more complex statistical programmes such as R. This will require commissioning of project work by a software development company.

- **Sampling Uncertainty/Sampling Quality EWG**

The aim is to consider the effect of sampling uncertainty, and procedures for its elaboration, and to make recommendations as to best practice in aspects of sampling. Its work has been considered by the Codex Alimentarius Commission and has commented on papers drafted within Codex. It has the opportunity to prepare and submit papers to the Codex Committee on Methods of Analysis and Sampling.

It helped revise the second edition of the Guide "Measurement uncertainty arising from sampling". This was prepared jointly with Eurolab, Nordtest, and RSC Analytical Methods Committee as well as Eurachem and CITAC.

It has now held joint meetings with the equivalent Working Group of Eurachem and will publish joint documents (AMC Technical Briefs and Eurachem Leaflets).

### **L S Theobald Lectureship**

The 2020 award was made to Professor Tom Fearn, University College, London. The Lecture has not been given yet as his topic area was thought to be much better held in a physical meeting. Clearly it has been not possible to hold any such event because of the Covid-19 pandemic.

### **MyRSC**

MyRSC now acts as the discussion board for the AMC, and is entitled "Analytical Methods Committee - Announcements and Discussions". It is disappointing that the topics discussed during the year have been less diverse than in previous years.

There are currently 800 members of the MyRSC Analytical Methods Group. Many of the topics are also put up on the MyRSC Analytical Division Group which has 2400 members.

### **FUTURE PLANS - Effect of Covid-19 Pandemic**

At the 123rd meeting (17 August 2020) Trustees considered the impact of the ongoing Covid-19 (Coronavirus) outbreak on their future plans and at this stage there is no change to the overall strategy of the Trust. Trustees did decide that in exceptional circumstances, if investment income was insufficient, invested capital may be used to fund strategically important projects. This decision is consistent with the Trust's Risk Management statement and its Reserves Policy. Any decision to realise invested capital would require the usual thorough examination and agreement by Trustees.

# THE ANALYTICAL METHODS TRUST

## COMMITTEE REPORT

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The principal effect of the current Covid-19 pandemic on the day-to-day running of the AMC has been that all meetings since April 2020 have been held virtually using the Zoom platform. This has had the advantage of bringing together participants in EWGs who would not otherwise have travelled to the meetings. It will be interesting to see what effect the pandemic will have on the long-term workings of the AMC and its Expert Working Groups.

### PUBLIC BENEFIT

The work of the Analytical Methods Committee is of particular importance given that it directly enables analytical data to be produced which is both accurate and reliable. This is particularly important not only to the honest manufacturer but also to enforcement bodies and ultimately the consumer. It operates on a cross-party basis, i.e. the scientific merits of particular problems are addressed without undue influence from industry, enforcement, government or referee analyst perspectives. However, there will be attempts to review the long-term AMC strategy given the likely funding arrangements and indeed the possible loss of future collaboration with European colleagues post Brexit. It is important that it maintains and indeed increases the inputs that it makes to any EU focused organisation.

### ACKNOWLEDGEMENTS

I would like to formally thank all outside organisations for their support-in-kind.

This report would not be complete without an expression of thanks to those persons in academia, industry and the public service who have given their time and expertise to the AMC.

Without their assistance little would be achieved.

Approved by the trustees on 26 August 2021 and signed on their behalf by:



Dr Roger Wood OBE MChemA CChem FRSC  
Secretary, Analytical Methods Committee

15 September 2021

# THE ANALYTICAL METHODS TRUST

## COMMITTEE REPORT

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### Appendix: Analytical Methods Committee Terms of Reference

The Analytical Methods Committee (AMC) is a Committee of the RSC Analytical Division Council. The broad aim of the AMC is to actively contribute to the national and international efforts to establish a comprehensive framework for quality in analytical measurement, to improve and develop analytical methodology and to keep the wider analytical science community informed of developments.

The Committee operates through Expert Working Groups dealing with specific topic areas. It is responsible for the general supervision and monitoring of such Expert Working Groups. However, it will also operate directly as and when the need is demonstrated.

### Terms of Reference

- To take a leading role in identifying and promulgating best practice in analytical science; including aspects relating to sampling, analysis, statistical methods, equipment, instrumentation and materials.
- To approve and recommend the publication of validated methods.
- To provide independent and impartial advice to stakeholders such as regulatory and harmonisation bodies.
- To generate validated compositional data of natural products for interpretative and enforcement purposes.
- To issue guidance such as Reports, Technical Briefs, Recommendations, Background Papers and software on topic areas of interest to promote the education and training of analytical scientists.
- To appoint and disband Expert Working Groups as required with the approval of AD Council and the Analytical Methods Trust, which funds their activity.
- To liaise with other national and international bodies in the field of standardisation.
- To nominate expert members to relevant regulatory and standards bodies on behalf of the RSC (See Note below).
- To receive and act on reports from representatives on other committees where relevant to the work of the AMC.
- To provide technical advice to UKAS on analytical quality issues.

Note: Experts nominated by the AMC shall act in their capacity as individual technical experts and do not necessarily represent the views of the RSC unless additionally authorised to do so by RSC Council.

# INDEPENDENT EXAMINER'S REPORT TO THE TRUSTEES OF THE ANALYTICAL METHODS TRUST

I report to the trustees on my examination of the financial statements of The Analytical Methods Trust for the year ended 31 December 2020, which are set out on pages 9 to 15.

## Responsibilities and basis of report

As the trustees of the charity you are responsible for the preparation of the financial statements in accordance with the requirements of the Charities Act 2011 ('the 2011 Act').

I report in respect of my examination of the charity's financial statements carried out under section 145 of the 2011 Act and in carrying out my examination I have followed all the applicable Directions given by the Charity Commission under section 145 (5)(b) of the 2011 Act.

An independent examination does not involve gathering all the evidence that would be required in an audit and consequently does not cover all the matters that an auditor considers in giving their opinion on the financial statements. The planning and conduct of an audit goes beyond the limited assurance that an independent examination can provide. Consequently, I express no opinion as to whether the financial statements present a 'true and fair view' and my report is limited to those specific matters set out in the independent examiner's statement.

## Independent examiner's statement

I have completed my examination. I confirm that no material matters have come to my attention in connection with the examination giving me reasonable cause to believe that in any material respect:

1. accounting records were not kept in respect of the charity as required by section 130 of the 2011 Act; or
2. the financial statements do not accord with those records; or
3. the financial statements do not comply with the applicable requirements concerning the form and content of financial statements set out in the Charities (Accounts and Reports) Regulations 2008 other than any requirement that the financial statements give a 'true and fair view' which is not a matter considered as part of an independent examination.

I have no concerns and have come across no other matters in connection with the examination to which attention should be drawn in this report in order to enable a proper understanding of the financial statements to be reached.



Name: Nicholas Sladden

Name of applicable listed body: The Institute of Chartered Accountants in England and Wales

Relevant professional qualification or membership of professional body: FCA DChA BFP

On behalf of RSM UK TAX AND ACCOUNTING LIMITED

Chartered Accountants

25 Farringdon Street

London

EC4A 4AB

Dated: 4 October 2021

# THE ANALYTICAL METHODS TRUST

## STATEMENT OF FINANCIAL ACTIVITIES FOR THE YEAR ENDED 31 DECEMBER 2020

	Notes	Restricted Funds £	Unrestricted Funds £	Designated Funds £	2020 £	2019 £
<b>Income from:</b>						
Investments	3	-	22,798	-	22,798	22,848
Charitable activities	4	6,825	-	-	6,825	8,050
<b>Total</b>		6,825	22,798	-	29,623	30,898
<b>Expenditure on:</b>						
Charitable activities	5	(7,000)	(6,256)	(1,097)	(14,353)	(18,432)
Net (losses)/gains on investments		-	(48,295)	-	(48,295)	133,280
<b>Net (deficit)/income and net movement in funds</b>		(175)	(31,753)	(1,097)	(33,025)	145,746
<b>Reconciliation of funds:</b>						
Total funds brought forward at 1 January		10,881	1,003,708	2,304	1,016,893	871,147
Total funds carried forward at 31 December	9	10,706	971,955	1,207	983,868	1,016,893

# THE ANALYTICAL METHODS TRUST

## BALANCE SHEET AS AT 31 DECEMBER 2020

Registered charity number: 1061108

	Notes	Restricted Funds £	Unrestricted Funds £	Designated Funds £	2020 £	2019 £
<b>Fixed assets</b>						
Investments	8	-	921,958	-	921,958	959,337
<b>Current assets</b>						
Accrued income		-	3,673	-	3,673	1,003
Cash at bank		10,706	50,735	1,207	62,648	60,753
		10,706	54,408	1,207	66,321	61,756
<b>Current liabilities</b>						
Accruals		-	(4,411)	-	(4,411)	(4,200)
<b>Net current assets</b>		10,706	49,997	1,207	61,910	57,556
<b>Net assets</b>		10,706	971,955	1,207	983,868	1,016,893
<b>Represented by:</b>						
Accumulated fund	9	-	971,955	-	971,955	1,003,708
Lecture fund	9	-	-	1,207	1,207	2,304
Restricted funds	9	10,706	-	-	10,706	10,881
<b>Total funds</b>		10,706	971,955	1,207	983,868	1,016,893

The financial statements on pages 9 to 15 were approved by the trustees and authorised for issue on 15 September 2021 and signed on its behalf by:

JN Miller  
Trustee

*James N. Miller*

ID Lumley  
Trustee

*I. Lumley*

# THE ANALYTICAL METHODS TRUST

## NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

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### 1 Accounting policies

The Trust is an unincorporated charity (registered number 1061108), registered in England and Wales with its registered office address being The Royal Society of Chemistry, Burlington House, London W1J OBA.

The charity's objectives and aims are disclosed in the Committee Report on page 2.

#### **Basis of accounting**

The financial statements have been prepared under the historical cost convention as modified for the inclusion of investments at market value.

The financial statements have been prepared in accordance with the Statement of Recommended Practice: Accounting and Reporting by Charities preparing their financial statements in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) issued on 16 July 2014, the Financial Reporting Standard applicable in the United Kingdom and Republic of Ireland (FRS 102), the Charities Act 2011 and UK Generally Accepted Practice as it applies from 1 January 2019.

The financial statements are prepared in Sterling, which is the functional currency of the charity. Monetary amounts in these financial statements are rounded to the nearest £1.

The financial statements have been prepared to give a 'true and fair' view and have departed from the Charities (Accounts and Reports) Regulations 2008 only to the extent required to provide a 'true and fair' view. This departure has involved following Accounting and Reporting by Charities (second edition – October 2019) preparing their financial statements in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102) issued on 16 July 2014 rather than the Accounting and Reporting by Charities: Statement of Recommended Practice effective from 1 April 2005 which has since been withdrawn.

The Trust constitutes a public benefit entity as defined by FRS 102.

#### **Going concern**

The trustees have considered whether it is appropriate to prepare the financial statements on the basis that the Trust is a going concern, including the impact of the Covid-19 (Coronavirus) outbreak on that assessment.

The charity is reliant on income from its investment portfolio stated at £22,798 (2019: £22,848) in the form of dividends to meet its annual expenditure. The valuation of these investments may be adversely affected by the growing impact of the Covid-19 (Coronavirus) outbreak. Given the unpredictable nature and impact of the outbreak, and how rapidly the responses to the outbreak are changing, the trustees are unable to predict the full extent of the impact with regards to the carrying value of the investments and income generation.

However the trustees believe that the charity has sufficient funds to continue its activities for at least twelve months from the date of signing the financial statements and so the going concern basis of preparation remains appropriate.

#### **Investments**

Investments are stated at market value at the balance sheet date. The Statement of Financial Activities (SOFA) includes net gains and losses arising on revaluations and disposals throughout the year.

Unrealised gains and losses represent the movement in market values during the year and are credited or charged to the SOFA based on the market value at the year end.

#### **Cash and cash equivalents**

Cash and cash equivalents are represented by cash held at bank.

#### **Liabilities**

Liabilities are recognised when there is a contractual obligation to discharge a cost.

# THE ANALYTICAL METHODS TRUST

## NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

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### **Financial Instruments**

The charity has elected to apply the provisions of Section 11 'Basic Financial Instruments' and Section 12 'Other Financial Instruments' of FRS 102 to all of its financial instruments. Financial instruments are recognised when the charity becomes party to the contractual provisions of the instrument.

Financial assets and liabilities are offset, with the net amounts presented in the financial statements, when there is a legally enforceable right to set off the recognised amounts and there is an intention to settle on a net basis or to realise the asset and settle the liability simultaneously.

All financial instruments of the charity are basic and therefore measured at amortised cost.

### **Fund accounting**

Unrestricted funds are general funds that are available for use at the trustees' discretion in furtherance of any objectives of the charity.

Designated funds are unrestricted funds set aside at the discretion of the trustees for specific purposes.

Restricted funds are those donated for use in a particular area or for specific purposes, the use of which is restricted to that area or purpose and the restriction means that the funds can only be used for specific projects or activities.

Monies received for various Expert Working Groups work are not regarded as restricted except that they be used solely for the furtherance of the Trust's aims. The trustees have set aside a designated fund to support lectures.

### **Income**

All income is accounted for in the period in which the charity is entitled to receipt.

### **Expenditure**

Expenditure is included on an accruals basis. Expenditure includes attributable VAT which cannot be recovered.

Expenses are allocated to the particular activity where the cost relates directly to that activity.

Governance costs comprise of costs for the running of the charity itself as an organisation.

Where costs cannot be directly attributed to a particular fund, it is estimated on the basis of the proportion of total income.

### **Grants payable with performance conditions**

Where the charity gives a grant with conditions for its payment being a specific level of service, such grants are only recognised in the SOFA once the recipient of the grant has provided the specified service.

### **Judgements and key sources of estimation uncertainty**

In the application of the Trust's accounting policies, the trustees are required to make judgements, estimates and assumptions about the carrying amount of assets and liabilities that are not readily apparent from other sources. The estimates and associated assumptions are based on historical experience and other factors that are considered to be relevant. Actual results may differ from these estimates. The estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognised in the period in which the estimate is revised where the revision affects only that period, or in the period of the revision and future periods where the revision affects both current and future periods.

The trustees do not consider any of these judgements or estimations to have any significant effect on the financial statements.

# THE ANALYTICAL METHODS TRUST

## NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

### 2 Employees

The charity has no employees in 2020 (2019: none) and no payroll costs were incurred (2019: £Nil).

### 3 Investment income

	Unrestricted Funds	
	2020	2019
	£	£
Interest – fixed interest securities	22,798	22,848

### 4 Charitable activities income

	Restricted Funds	
	2020	2019
	£	£
Grants received	6,825	8,050

### 5 Charitable activities expenditure

	Restricted Fund	Unrestricted Funds	Total 2020	Total 2019
	£	£	£	£
Meetings and education	7,000	3,057	10,057	14,232
Support costs (Note 6)	-	4,296	4,296	4,200
	7,000	7,353	14,353	18,432

£12,482 of the charitable activities expenditure in the year to 31 December 2019 was attributable to unrestricted funds and £5,950 attributable to restricted funds.

### 6 Support costs

	Unrestricted Funds	
	2020	2019
	£	£
Honorarium – secretarial services	1,800	1,800
Office expenses	36	60
Governance costs (Note 7)	2,460	2,340
	4,296	4,200

### 7 Governance costs

	Unrestricted Funds	
	2020	2019
	£	£
Accounts preparation	1,515	1,440
Independent examination	945	900
	2,460	2,340

# THE ANALYTICAL METHODS TRUST

## NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

<b>8</b>	<b>Investments</b>				<b>2020</b>	<b>2019</b>
					<b>£</b>	<b>£</b>
	Market value as at 1 January				959,337	814,612
	Additions				10,916	11,445
	Net investment (loss)/gain				(48,295)	133,280
	Market value at 31 December				921,958	959,337
	Historic cost				830,591	822,971
<b>9</b>	<b>Funds</b>					
	<b>Current year</b>	<b>At 1</b>	<b>Income</b>	<b>Expenditure</b>	<b>Net</b>	<b>At 31</b>
		<b>January</b>			<b>loss on</b>	<b>December</b>
		<b>2020</b>			<b>Investments</b>	<b>2020</b>
		<b>£</b>	<b>£</b>	<b>£</b>	<b>£</b>	<b>£</b>
	<b>Accumulated fund</b>	1,003,708	22,798	(6,256)	(48,295)	971,955
	<b>Designated funds:</b>					
	Lecture fund	2,304	-	(1,097)	-	1,207
	<b>Restricted funds:</b>					
	Food and Feed	8,781	-	-	-	8,781
	Authenticity					
	DEFRA projects	2,100	6,825	(7,000)	-	1,925
	<b>Total funds</b>	<b>1,016,893</b>	<b>29,623</b>	<b>(14,353)</b>	<b>(48,295)</b>	<b>983,868</b>

The Accumulated Fund represents the free funds of the Trust.

The Designated Fund is a fund set up to maintain the Theobald Lectures.

### Restricted Funds:

Food and Feed Authenticity represents grants given for work on nitrogen factors in cod, pork and chicken.

During the year, one project was funded by DEFRA:

£6,825 was received for the preparation of 'Guidance for the Organisation of a Nitrogen Factor Study'. This project was completed in September 2020.

# THE ANALYTICAL METHODS TRUST

## NOTES TO THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 31 DECEMBER 2020

9 Funds (continued)					
Prior year	At 1 January 2019 £	Income £	Expenditure £	Net gain on Investments £	At 31 December 2019 £
<b>Accumulated fund</b>	860,062	22,848	(12,482)	133,280	1,003,708
<b>Designated funds:</b>					
Lecture fund	2,304	-	-	-	2,304
<b>Restricted funds:</b>					
Food and Feed Authenticity	8,781	-	-	-	8,781
DEFRA projects	-	8,050	(5,950)	-	2,100
<b>Total funds</b>	<b>871,147</b>	<b>30,898</b>	<b>(18,432)</b>	<b>133,280</b>	<b>1,016,893</b>

The Accumulated Fund represents the free funds of the Trust.

The Designated Fund is a fund set up to maintain the Theobald Lectures.

### **Restricted Funds:**

Food and Feed Authenticity represents grants given for work on nitrogen factors in cod, pork and chicken.

During the prior year, two projects were funded by DEFRA:

£5,950 was received for the preparation of 'Guidance on the Organisation of Informal Food Authenticity Survey's'. This project has now been completed to the satisfaction of DEFRA and there were no amounts carried forward at the year end.

£2,100 was received for the preparation of 'Guidance for the Organisation of a Nitrogen Factor Study'. The project was completed in September 2020.

## 10 Related party transactions and trustees' expenses and remuneration

The charity considers its Board of Trustees to be its key management personnel.

An Honorarium of £1,800 (2019: £1,800) was due to Dr R Wood, a trustee, for providing secretarial services. The trustees have previously agreed Dr R Wood would receive £200 per meeting attended.

No trustee was paid any remuneration during the current or previous year.

During the year, 2 (2019: 8) trustees received reimbursement for travel expenses and printing, postage and stationery expenses amounting to £202 (2019: £2,219).

## 11 Taxation

The Analytical Methods Trust is a registered charity and, as such, its income and gains falling within Sections 471 to 489 of the Corporation Tax Act 2010 or Section 256 of the Taxation of Chargeable Gains Act 1992 are exempt from corporation tax to the extent that they are applied to its charitable objectives.