# **TESTING AND MONITORING** FROM



# **Price Lists**

Valid from 1 April 2025 until 31 March 2026









# **Contents**

Allergens Price List 2025/26	3
Biological Monitoring Price List 2025/26	4
Fibres and Minerals Price List 2025/26	13
Inorganic Chemistry Price List 2025/26	15
Organic Chemistry Price List 2025/26	17
Microbiology Price List 2025/26	18



# **Allergens Price List**

#### HSE TESTING AND MONITORING ALLERGEN STANDARD ASSAYS AVAILABLE

Valid from 1 April 2025 until 31 March 2026

ROUTINE ASSAYS	PRICING DETAILS
	Filter / Wipe samples
Sampling Kits *	PTFE Filters**: £94 + VAT (per batch of 25)***
	Wipe Kits: £34 + VAT (per batch of 10)

Animal Allergens	
Mouse	First assay: £74 per sample
(mus m1)	
Rat	Additional assays: <b>£29</b> per sample
(rat n 1)	
Rabbit	No minimum charge
(ory c 1)	Online ordering available

Other Allergen Tests				
Guinea Pig Albumin	10+ samples			
	First assay: £74 per sample			
	Additional assays: £29 per sample			
Protease (generic)				
	Less than 10 samples (minimum starting price)			
Subtilisin Carlsberg	First assay: £740			
	Additional assays: £29 per sample			

<sup>\*</sup> The charge for any required filters or wipes will be added to the appropriate analysis.

15 working day turnaround time.

Dust or bulk samples can be analysed on request. Please contact <u>Sample Registration</u>.

<sup>\*\*</sup> PTFE filters require fitting the correct way in the sample cassette. See instructions for details.

<sup>\*\*\*</sup> Samples sent in cassettes will incur an additional £10 handling charge per sample.



# **Biological Monitoring Price List**

Valid from 1 April 2025 until 31 March 2026

Online Ordering				
Chemical	Sample	Analyte	Method	Price
<u>Aluminium</u>	Urine	Aluminium	ICP/MS	£56
Antimony	Urine	Antimony	ICP/MS	£56
Arsenic	Urine	Arsenic species	LC-ICP/MS	£110
*Cadmium	Blood (EDTA)	Cadmium	ICP/MS	£40
*Cadmium and Lead combined	Blood (EDTA)	Cadmium and lead	ICP/MS	£54
*Cadmium	Urine	Cadmium	ICP/MS	£56
*Cholinesterase (both plasma and red cell)	Blood (EDTA)	Cholinesterase activity	Biochemical analyser	£83
*Chromium	Urine	Chromium	ICP/MS	£56
Chromium and nickel combined	Urine	Chromium and nickel	ICP/MS	£68
*Cobalt	Urine	Cobalt	ICP/MS	£56
*Cobalt and nickel combined	Urine	Cobalt and nickel	ICP/MS	£68
<u>Dichloromethane</u>	Urine	Dichloromethane	Headspace-GC-MS	£83
<u>Fluoride</u>	Urine	Fluoride	Ion Selective Electrode	£83
* <u>Isocyanate</u> (diisocyanate - single)	Urine	Corresponding diamine	GC-MS (CI-)	£68
*Lead	Blood (EDTA)	Lead	ICP/MS	£40
* <u>Lead</u>	Urine	Lead	ICP/MS	£56
*Mercury	Urine	Mercury	ICP/MS	£68

<sup>\*</sup> UKAS accredited method

Blood samples require pre-approval and an online account before ordering is possible – contact <u>Sample</u> Registration

Turnaround time 10 working days from receipt of samples, except for:

Arsenic speciation, Dichloromethane, Fluoride, MbOCA, Mercury, MEK and Toluene (20 working days)



Online Ordering					
Chemical	Sample	Analyte	Method	Price	
Methylene bis(2-chloroaniline) "MbOCA"	Urine	Methylene bis(2- chloroaniline) MbOCA	GC-MS (CI-)	£105	
Methylene bis(2-chloroaniline) "MbOCA" with MDI or TDI	Urine	Methylene bis(2- chloroaniline) MbOCA with isocyanates	GC-MS (CI-)	£115	
MEK (2-butanone, butan-2-one)	Urine	MEK	Headspace- GC-MS	£83	
*Nickel	Urine	Nickel	ICP/MS	£56	
Polycyclic aromatic hydrocarbons	Urine	1-hydroxypyrene	HPLC-FLD	£83	
Styrene	Urine	Mandelic acid	HPLC-UV	£83	
Toluene	Urine	Toluene	Headspace- GC-MS	£83	
Xylene	Urine	Methylhippuric acid	HPLC-UV	£83	

<sup>\*</sup> UKAS accredited method

Blood samples require pre-approval and an online account before ordering is possible – contact  $\underline{\text{Sample}}$  Registration

Turnaround time 10 working days from receipt of samples, except for: Arsenic speciation, Dichloromethane, Fluoride, MbOCA, Mercury, MEK and Toluene (20 working days)



		Standard Assays		
Chemical	Sample	Analyte	Method	Price
Arsenic	Urine	Arsenic species	LC-ICP/MS	£110
*Cadmium	Blood (EDTA)	Cadmium	ICP/MS	£120^ then £40 per sample
*Cadmium with lead	Blood (EDTA)	Cadmium and lead	ICP/MS	£162^ then £54 per sample
*Cadmium	Urine	Cadmium	ICP/MS	£56
*Cholinesterase (both plasma and red cell)	Blood (EDTA)	Cholinesterase activity	Biochemical analyser	£83
*Creatinine (standalone analysis)	Urine	Creatinine	Biochemical analyser	£8
*Chromium	Urine	Chromium	ICP/MS	£56
Chromium and nickel combined	Urine	Chromium and nickel	ICP/MS	£68
*Cobalt	Urine	Cobalt	ICP/MS	£56
Elemental Suite 1	Urine	Al, Co, Cu, Zn, Cd, Sb, Tl, Pb	ICP/MS	£56 one element + £12 for each additional element
Elemental Suite 2	Urine	V, Cr, Mn, Mo, Ni, Sn, W, Ti, Fe	ICP/MS (CCT)	£56 one element + £12 for each additional element

<sup>\*</sup> UKAS accredited method,

Turnaround time 10 working days from receipt of samples, except for:

Arsenic speciation, Dichloromethane, Fluoride, MbOCA, Mercury, MEK and Toluene (20 working days)

<sup>^</sup> For three samples, minimum order – individual samples can be ordered online



Standard Assays				
Chemical	Sample	Analyte	Method	Price
Ethylbenzene with xylene	Urine	Mandelic acid with methylhippuric acid	HPLC-UV	£83 £98
Fluoride (special offer available online)	Urine	Fluoride	Ion Selective Electrode	£83
*Isocyanates (diisocyanates) One or two Three or more	Urine	Corresponding diamine	GC-MS (CI-)	£68 £90
*Lead (urine)	Urine	Lead	ICP/MS	£56
*Lead (blood)	Blood (EDTA)	Lead	ICP/MS	£120^ then £40 per sample
*Lead (blood) with cadmium	Blood (EDTA)	Lead and cadmium	ICP/MS	£162^ then £54 per sample
*Mercury	Urine	Mercury	ICP/MS	£68
Methylene bis(2-chloroaniline)  MbOCA with isocyanates	Urine	Methylene bis(2- chloroaniline) MbOCA with isocyanates	GC-MS (CI-)	£105 £115
*Methylene Dianiline (MDA)	Urine	Methylene Dianiline	GC-MS (CI-)	£68
*Nickel	Urine	Nickel	ICP/MS	£56
Nickel and chromium combined	Urine	Nickel and chromium	ICP/MS	£68
Polycyclic aromatic hydrocarbons	Urine	1-hydroxypyrene	HPLC-FLD	£83

<sup>\*</sup> UKAS accredited method,

Turnaround time 10 working days from receipt of samples, except for:

Arsenic speciation, Dichloromethane, Fluoride, MbOCA, Mercury, MEK and Toluene (20 working days)

<sup>^</sup> For three samples, minimum order – individual samples can be ordered online



Standard Assays				
Chemical	Sample	Analyte	Method	Price
Solvents: up to 3 named (from: acetone, DCM, MEK, MIBK, THF)	Urine	Named solvents	GC-MS	£83
Styrene	Urine	Mandelic acid with methylhippuric acid	HPLC-UV	£83
Styrene with xylene	Urine	Mandelic acid with methylhippuric acid	HPLC-UV	£98
*Thallium	Urine	Thallium	ICP/MS	£56
Toluene	Urine	Toluene	ICP/MS	£83
Xylene	Urine	Methylhippuric acid with mandelic acid	HPLC-UV	£83
Xylene with ethylbenzene or styrene	Urine	Methylhippuric acid with mandelic acid	HPLC-UV	£98

<sup>\*</sup> UKAS accredited method,

Turnaround time 10 working days from receipt of samples, except for:

Arsenic speciation, Dichloromethane, Fluoride, MbOCA, Mercury, MEK and Toluene (20 working days)

Quarterly Assays - sample receipt deadline end of January, April, July and October				
Chemical	Sample	Analyte	Method	Price
<u>Dimethylacetamide</u>	Urine	N-Methylacetamide	GC-MS	£83
Dimethylformamide	Urine	N-Methylformamide	GC-MS	£83
<u>Nitroglycerin</u>	Urine	Total nitroglycols	LC-MS/MS	£100

All prices include sample kits. Where 50 or more kits are ordered per month, a handling charge of £5 per sample kit will be charged upfront (prior to shipping) and deducted from the final invoice.

These assays are run four times per year (sample receipt deadline – end of January, April, July and October).

Turnaround time is 20 working days from the last day of the month. Samples may be analysed at any time with a 20 working day turnaround but will be charged at full economic cost (prior agreement is required).



Bespoke (price for up to 10 samples, >10 samples at additional 5% per sample)*				
Chemical	Sample	Analyte	Method	Price
Acetamiprid	Urine	Desmethyl-acetamiprid	LC-MS/MS	£1015
Acrylamide or Acrylonitrile Both together	Urine	Acrylamide or Acrylonitrile mercapturic acid	LC-MS/MS	£1015 £1240
Albumin	Urine	Albumin	Biochemical analyser	£405
Bendiocarb	Urine	2,2-Dimethyl-1,3benzodioxol	GC-MS	£1015
Benzene	Urine	S-phenylmercapturic acid (S-PMA) with cotinine (marker of smoking)	LC-MS/MS	£1015 £1240
Beryllium	Urine	Beryllium	ICP/MS	£770
Bromide	Urine / Serum	Bromide	ICP/MS	£770
<u>Butoxyethanol</u>	Urine	Butoxyacetic acid	GC-MS	£1015
Carbon disulphide	Urine	Thiothiazolidine carboxylic acid	LC-MS/MS	£1015
Captan	Urine	THPI	LC-MS/MS	£1015
Chlormequat	Urine	Chlormequat	LC-MS/MS	£1015
Chlorpyrifos/ Chlorpyrifos-methyl	Urine	Trichloropyridinol	LC-MS/MS	£1015
Cyanide & other organonitriles	Urine	Thiocyanate	Biochemical analyser	£405
<u>Cyclohexanone</u> or Cyclohexanol	Urine	Cyclohexanol	GC-MS	£1015

<sup>\*</sup>Subject to a maximum batch size of 40

Bespoke assays are run on demand. Turnaround time is 20 working days from the day of the receipt.



Bespoke (price for up to 10 samples, >10 samples at additional 5% per sample)*				
Chemical	Sample	Analyte	Method	Price
Dithiocarbamates	Urine	Ethylenethiourea	LC-MS/MS	£1015
Dinoseb	Blood (EDTA)	Dinoseb	HPLC-UV	£1015
Elemental analysis – rare elements Other elements may be available on request	Urine	Ba, Ga, Ge, In, Ir, Li, Pd, Pt, Sr, Ta, Te	ICP/MS	£1015 per element
Epoxy resin hardeners	Urine	m-XDA, DDHM etc.	GC-MS	£1015
Furfural	Urine	Furoic acid	GC-MS	£1015
Glyphosate	Urine	Glyphosate	LC-MS/MS	£1015
Hexane	Urine	Hexanedione	GC-MS	£1015
Hydrogen sulphide	Blood / Urine	Thiosulphate	GC-MS	£830
*Mercury	Blood (EDTA)	Mercury	ICP/MS	£770
Metal / element - bespoke	Blood (EDTA)	e.g. Li, Si	ICP/MS	£770
Metal screen	Hair, nails, tissue	Metals	ICP/MS	£1600 per sample
Naphthalene	Urine	Naphthols	LC-MS/MS	£405
N-Methylpyrrolidone	Urine	5-Hydroxymethylpyrrolidone	LC-MS/MS	£1015

<sup>\*</sup>Subject to a maximum batch size of 40

Bespoke assays are run on demand. Turnaround time is 20 working days from the day of the receipt.



Bespoke (price for up to 10 samples, >10 samples at additional 5% per sample)*				
Chemical	Sample	Analyte	Method	Price
Phenol	Urine	Phenol	GC-MS	£1015
Pirimicarb	Urine	5,6-dimethyl-2-(methylamino) pyrimidin-4-ol	LC-MS/MS	£1015
Retinol binding protein	Urine	Retinol binding protein	Immunoassay	£405
Selenium	Urine / Serum	Selenium	ICP/MS	£770
Silver	Blood (EDTA)	Silver	ICP/MS	£1015
Solvents Screen	<u>Breath</u>	Semi-quantitative screen of solvents	GC-MS	£770
[Synthetic] Pyrethroids			^	
Permethrin / Cyfluthrin / Cypermethrin (and isomers)		Total DCVA		
Deltamethrin or lambda-Cyhalothrin / Bifenthrin	Urine	Total DBVA or total CFVA	LC-MS/MS	£1015
Other Synthetic Pyrethroids	]	3-Phenoxybenzoic acid		
Pyrethrum	]	CDCA		
<u>Tetrachloroethene</u>	Blood or Breath	Tetrachloroethene	GC-MS	£770
(Perchloroethylene)		(Perchloroethylene)		
Trichloroethylene	Urine	Trichloroacetic acid	LC-MS/MS	£1015
Tobacco smoke	Urine / saliva	Cotinine	LC-MS/MS	£1015

<sup>\*</sup>Subject to a maximum batch size of 40

Bespoke assays are run on demand. Turnaround time is 20 working days from the day of the receipt. Wipe samples are subject to VAT.



Bespoke (price for up to 10 samples, >10 samples at additional 5% per sample)*				
Chemical Sample Analyte Method Price				
Total protein	Urine	Total protein	Biochemical analyser	£405
Trimethylbenzene	Urine	Dimethylbenzoic acids	GC-MS	£1015

<u>Cytotoxics</u>					
Chemical Sample Analyte Method Price					
Cyclophosphamide/ Ifosfamide	Wipe / Urine	Cyclophosphamide/Ifosfamide	LC-MS/MS	£830	
Platinum	Wipe / Urine	Platinum	ICP/MS	£770	

<sup>\*</sup>Subject to a maximum batch size of 40

Bespoke assays are run on demand. Turnaround time is 20 working days from the day of the receipt. Wipe samples are subject to VAT.



## **Fibres and Minerals Price List**

Valid from 1 April 2025 until 31 March 2026

#### **Transmission Electron Microscopy (TEM):**

Test or Assay	Method	Pricing Details (not incl. VAT)	Notes
Quantitative analysis of asbestos fibres in air (UKAS accredited)	TEM in-house method, based on ISO 13794.	£756 per sample	Turnaround: 15 working days Gridded mixed cellulose ester (MCE) filter.
Quantitative analysis of asbestos fibres in lung tissue (UKAS accredited)	TEM in-house method, based on ISO 13794.	£1040 per sample (Note: VAT does not apply to this analysis)	Turnaround: 20 working days Lung tissue (>100mg required).
Quantitative analysis of asbestos fibres in bulk materials or water (UKAS accredited)	TEM in-house method, based on ISO 13794.	£851 per sample	Turnaround: 20 working days Bulk material or water (contact us for sample quantity requirements). Extra costs may be incurred if special preparation methods or extended analysis of fibres and cleavage fragments is required - contact us for details.
Qualitative analysis of refractory ceramic fibres (RCF) in catalytic converters	TEM in-house method, based on ISO 13794.	£567 per sample	Turnaround: 15 working days Bulk material (~16 cm3) If the whole converter is being sent, it must be de-canned.

Note: A maximum of 15 samples can normally be analysed in the given turnaround time. Turnaround times for larger batch sizes can be negotiated on a case-by-case basis.

# X-Ray Diffraction (XRD):

Test or Assay	Method	Pricing Details (not incl. VAT)	Notes
Respirable Crystalline Silica (RCS) / Alpha Quartz – quantitative analysis of aerosol filters	XRD in-house method based on MDHS 101	£735 (for batch of up to 5 samples incl. blanks) £147 per additional sample (analysed in the same batch)	Turnaround: 15 working days 25mm PVC filter Aerosol sampling filters supplied at £28 for 10.
Respirable Crystalline Silica (RCS) / Cristobalite and Alpha Quartz – quantitative analysis of aerosol filters	XRD in-house method based on MDHS 101	£1124 (for batch of up to 5 samples incl. blanks) £189 per additional sample (analysed in the same batch)	Turnaround: 15 working days 25mm PVC filter Aerosol sampling filters supplied at £28 for 10.
Respirable Crystalline Silica (RCS) / Alpha Quartz – quantitative analysis of aerosol filters	XRD in-house method based on NIOSH method 7500	£735 (for batch of up to 5 samples incl. blanks) £147 per additional sample (analysed in the same batch)	Turnaround: 15 working days 25mm PVC filter Aerosol sampling filters supplied at £28 for 10.



Test or Assay	Method	Pricing Details (not incl. VAT)	Notes
Qualitative XRD analysis of bulk materials	XRD in-house method	£735 (for batch of up to 5 samples incl. blanks) £147per additional sample (analysed at once)	Turnaround: 15 working days Bulk material (>1g required).
Quantitative XRD analysis of bulk materials for crystalline silica (or other crystalline minerals)	XRD in-house method (with or without Rietveld analysis)	£945 per sample	Turnaround: 15 working days Bulk material (>1g required).
Quantitative analysis of all crystalline mineral and inorganic components of a sample	Rietveld method	£945 per sample	Turnaround: 15 working days Bulk material (>1g required).

## **Optical Microscopy:**

Test or Assay	Method	Pricing Details (not incl. VAT)	Notes
HSE Test Slide re-evaluation & certification	In-house method using reference test slide	£142 per sample	Turnaround: 15 working days Re-evaluation of test slides should be carried out if there is a reason to believe they have been damaged or deteriorated through use.

All sampling media must be returned. A charge will be made for any sampling media not returned. Please <u>contact us</u> to discuss your requirements.



# **Inorganic Chemistry Price List**

HSE TESTING AND MONITORING INORGANICS (AIR AND BULK MATERIALS) ROUTINE ASSAYS

Valid from 1 April 2025 until 31 March 2026

SUBSTANCE TYPE / ANALYTE	METHOD	PRICING DETAILS For batch size given	SAMPLING MEDIA
Metal on Filter (Metals by agreement)	ICP-0ES (BS ISO 15202 Annex G)	£1508 (batch up to 8 samples) £80 per additional sample†	25mm Mixed Cellulose (MCE) Filter
Metal on wipe (Metals by agreement)	ICP-0ES (BS ISO 15202 Annex H)	£1644 (batch up to 20 samples) £69 per additional sample†	Ghost wipe
Mercury on Sorbent Tube/ Passive badge	Zeeman Spectrometry	£1341 (batch up to 10 samples) £67 per additional sample†	Sorbent Tube/Passive badge
Ferrous welding fume - Al, Ba, Bi, Ca, Co, Cu, Cr, Fe, K, Li, Mg, Mn, Mo, Na, Ni, Pb, Si, Sr, Ti, V & Zn	ICP-0ES (BS ISO 15202 Annex G)	£1301 (batch up to 8 samples) £67 per additional sample†	Bulk sample - 10 mg
Ferrous Welding Fume - Fluoride	MDHS35/2	£1380 (batch up to 10 samples) £93 per additional sample†	Bulk sample - 10 mg
Ferrous Welding Fume - Chromium VI	lon Chromatography BS ISO 16740	£1410 (batch up to 10 samples) £67 per additional sample†	Bulk sample - 10 mg
Diesel Fume - Elemental & Organic Carbon	Combustion Method	£856 (batch up to 10 samples) £58 per additional sample†	Pre-treated 25mm Quartz Filter
Chromium VI	lon Chromatography BS ISO 16740	£1323 (batch up to 10 samples) £80 per additional sample†	25mm PVC filter, Treated PVDF Filter or 37mm Glass Fibre Wipe

<sup>†</sup> Price for additional samples above the minimum batch size analysed at the same time.

Turnaround (from receipt of samples + correct paperwork) is 15 working days.

HSE will provide an appropriate number of blanks per batch to be used in this analysis: Up to 8 samples - 2 blanks; 8+ samples - 3 blanks.

For large sample batches and other chemical assays, please contact us to discuss your requirements.



SUBSTANCE TYPE / ANALYTE	METHOD	PRICING DETAILS For batch size given	SAMPLING MEDIA
Phosphoric acid & Sulphuric acid	Ion Chromatography	£1077 (batch up to 10 samples) £64 per additional sample†	PVC Filter
Gaseous hydrofluoric acid, hydrobromic acid, hydrochloric acid and nitric acid	Ion Chromatography	£1077 (batch up to 10 samples) £64 per additional sample†	(SKC) washed silica gel sorbent tubes

<sup>†</sup> Price for additional samples above the minimum batch size analysed at the same time.

Turnaround (from receipt of samples + correct paperwork) is 15 working days.

HSE will provide an appropriate number of blanks per batch to be used in this analysis: Up to 8 samples - 2 blanks; 8+ samples - 3 blanks.

For large sample batches and other chemical assays, please <u>contact us</u> to discuss your requirements.



# **Organic Chemistry Price List**

HSE TESTING AND MONITORING ORGANICS (AIR AND BULK MATERIALS) ROUTINE ASSAYS Valid from 1 April 2025 until 31 March 2026

ANALYTE	METHOD	PRICING DETAILS	SAMPLING MEDIA		
		(For batch of up to 10 samples)			
<b>VOCs in Air by Sorbent</b>	VOCs in Air by Sorbent Tube and Thermal Desorption (TD)				
*Benzene/Toluene/Xylene		£1274 + £111 per additional sample†			
1 to 4 compounds	MDHS 104; ATD-GC-FID	£1274 + £111 per additional sample†			
5 to 10 compounds		£1621 + £155 per additional sample†			
11 to 20 compounds		£1968 + £171 per additional sample†			
1 to 4 compounds		£1621 + £155 per additional sample†	ATD Tube		
5 to 10 compounds		£1968 + £155 per additional sample†	71112 1030		
11 to 20 compounds	MDHS 104; ATD-GC-MS	£2317 + £171 per additional sample**			
21 to 30		£2667 + £171 per addition sample			
Diacetyl		£1103 + £85 per additional sample†			
Nicotine		£1274 + £111 per additional sample†			
Organic Compounds in	<b>Air by Solvent Desor</b>	ption			
Ethylcyanoacrylate	HPLC	£1305 + £114 per additional sample†	Tenax (modified 226-35-3)		
Formaldehyde	MDHS 102; HPLC	£1315 + £96 per additional sample†	DNPH sorbent tube UMEx 100 DNPH passive badge (or similar)		

<sup>\*</sup> UKAS accredited

Turnaround (from receipt of samples + correct paperwork) is 15 working days.

All sampling media must be returned. A charge will be made for any sampling media not returned.

Please <u>contact us</u> for more information, including lead times or to discuss your requirements for large sample batches and other chemical assays (including isocyanate air analysis, etc.)

<sup>†</sup> Price for additional samples above the minimum batch size analysed at the same time.



# **Microbiology Price List**

Valid from 1 April 2025 until 31 March 2026

ANALYTE	SAMPLING	PRICING DETAILS	TURNAROUND FROM RECEIPT OF SAMPLES
Endotoxin tests	Air samples (recommend 25mm quartz filters)	£979 (for batch of up to 5 samples) £197 per additional sample	15 working days
Anthrax testing	Air samples, wipe samples, bulk/soil samples (e.g. plaster, soil)	£832 (for batch of up to 5 samples) £161 per additional sample	10 working days
*Total bacterial and fungal viable counts	Air samples, wipe samples, bulk/soil samples	£1036 (for batch of up to 5 samples) £197 per additional sample	20 working days

<sup>\*</sup> List price for analysis is on standard culture media for bacteria and fungi, each incubated at two temperatures. Other bespoke culture and identification is available. Please contact us to discuss your requirements.