

INORGANICS (AIR & BULK MATERIALS) ROUTINE ASSAYS

SUBSTANCE TYPE / ANALYTE	METHOD	PRICE	PRICE PER (ADDITIONAL) SAMPLE	MINIMUM BATCH REQUIREMENTS / RECOMMENDED FILTERS OR SAMPLE
Metal Suite on Filter Al, Ba, Bi, Ca, Co, Cu, Cr, Fe, K, Li, Mg, Mn, Na, Ni, Pb, Si, Sr & Zn (other metals by agreement)	ICP-OES (BS ISO 15202 Annex G)	£978	£51	8 / 25mm Mixed Cellulose (MCE) filter
Lead, Strontium, Nickel, Arsenic or Cadmium <i>Any one of the above</i>	ICP-OES (BS ISO 15202 Annex H)	£1,154	£40	20 / Ghost wipe
Strontium or Lead	ICP-OES	£410	£40	6 / Aqueous Solution - 50 mls
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-OES (BS ISO 15202 Annex G)	£950	£50	8 / Bulk sample - 10 mg
Ferrous Welding Fume - Fluoride	MDHS35/2	£1,059	£72	10 / Bulk sample - 10 mg
Ferrous Welding Fume - Chromium VI	Ion Chromatography BS ISO 16740	£1,030	£57	10 / Bulk sample - 10 mg
Metal Working Fluids	MDHS 95/3	£995 for 10 filters (Max 3 Sump concentrates)	£45	Filter/ Sump
Diesel Fume - Elemental & Organic Carbon	Combustion Method	£585	£35	10 / Pretreated 25mm Quartz Filter
Mannitol, Sorbitol, Glucose or Lactose	Ion Chromatography	£1,380	£58	20 / 25mm GF/F Filter

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Chromium VI	Ion Chromatography BS ISO 16740	£825	£45	10 / 25mm PVC filter, Treated PVDF filter or 37mm Glass Fibre Wipe
Phosphoric acid & Sulphuric acid	Ion Chromatography	£825	£45	10 / PVC Filter
Hydrofluoric acid, hydrobromic acid, hydrochloric acid and nitric acid	Ion Chromatography			10 / Alkaline-impregnated quartz fibre filter
Gaseous hydrofluoric acid, hydrobromic acid, hydrochloric acid and nitric acid	Ion Chromatography			10 / (SKC) washed silica gel sorbent tubes
Mercury	Zeeman AA Spectrometry MDHS 16/2	£1,154	£40	20 / Diffusive badges (SKC Part No: 520-02A or C), Sorbent tubes (SKC Part No: 226-17-1A or 3A) or Ghost wipe

** UKAS accredited*

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

HSL 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.

Sampling filters can be supplied by HSL. There may be an additional cost.

For further information please contact glen.mconnacchie@hsl.gsi.gov.uk, 0203 028 1968