

## HSE TESTING AND MONITORING



### FIBRES & MINERALS ROUTINE ASSAYS

TEST OR ASSAY		METHOD	PRICE PER SAMPLE	FILTERS OR BULK MATERIAL	SAMPLE VOLUME	TURNAROUND (from receipt of samples + correct paperwork)	NOTES
1	Quantitative analysis of asbestos fibres in air*	Transmission Electron Microscopy (TEM) ISO 13794	£597.00	Gridded MCE filter	N/A	15 working days	
2	Quantitative analysis of asbestos fibres in lungs* †	TEM In-house method based on ISO 13794	£953.00##	Lung tissue	100 grams	15 working days	Additional charges may apply if extensive sample preparation is required. ## If lung samples require de-waxing then £160.00 additional charge will apply.
3	Quantitative analysis of asbestos fibres in water or bulk materials*	TEM In-house method based on ISO 13794	£639.00	Water or bulk material	500ml	15 working days	If materials require special preparation methods to analyse or extended analysis of fibres & cleavage fragments is required then extra costs may be incurred. Please contact the <a href="#">Fibres Team Service Manager</a> if you have any questions.
4	Quantitative analysis refractory ceramic fibres (RCF) in catalytic converters*	TEM In-house method based on ISO 13794	£206.00	Bulk material	Approx. 16 cm <sup>3</sup>	10 working days	If the whole converter is being sent it must be de-canned.
5	HSE Test Slide Re-evaluation	In-house method using reference test slide	£109.00	N/A	N/A	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.
6	Alpha Quartz - Respirable Crystalline Silica <sup>1</sup>	X-ray Diffraction	£775.00 (up to 5 samples incl blanks)+£58.00 per additional sample	25mm PVC Filter (Sampler dependent)	N/A	15 working days	25mm PVC Filter can be supplied at £25 for 10 filters.
7	Cristobalite (in conjunction with Alpha quartz above) <sup>1</sup>	X-ray Diffraction	£282.00 (up to 5 samples incl blanks)+£58.00 per additional sample	25mm PVC Filter (Sampler dependent)	N/A	15 working days	25mm PVC Filter can be supplied at £25 for 10 filters.
8	Qualitative analysis of crystalline + amorphous components	X-ray Diffraction + Rietveld	£368.00 + £286.00 per additional sample	Bulk material	1 gramme	15 working days	
9	Hydroxyapatite (In house method)	X-ray Diffraction	£227.00	Bulk material	1 gramme	15 working days	
10	Hydroxyapatite (ISO13779)	X-ray Diffraction	£328.00	Bulk material	1 gramme	15 working days	
11	Hydroxyapatite + other calcium phosphates	X-ray Diffraction + Rietveld	£328.00	Bulk material	1 gramme	15 working days	

\* UKAS accredited; † VAT does not apply

N/A: Not Applicable

<sup>1</sup> A minimum order of 5 samples applies.

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