

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK



4730

Accredited to
ISO/IEC 17025:2017

Imerys Minerals Ltd

Issue No: 006

Issue date: 17 April 2024

Analytical Services Group
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Testing performed at the above address only

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
Industrial Minerals	<u>Chemical Tests</u> Silicon Aluminium Iron Titanium Potassium Calcium Magnesium Phosphorus Sodium The above are reported as: silica (SiO ₂), by calculation alumina (Al ₂ O ₃) by calculation iron oxide (Fe ₂ O ₃) by calculation titania (TiO ₂) by calculation lime (CaO) by calculation magnesia (MgO) by calculation potash (K ₂ O) by calculation soda (Na ₂ O) by calculation phosphate (P ₂ O ₅) by calculation Loss on Ignition Boiling water Soluble salts Water Soluble Sulphur	Documented in house methods: Method ref: ASG 040 by fused glass bead and WD XRF determination (based on ISO 12677:2011) Method ref: ASG 047 by Gravimetry Method ref: ASG 020 by gravimetry based on EN772- 5:2016 Method ref: ASG 020 by ICP-AES (based on EN772- 5:2016)



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
Industrial Minerals (cont)	<u>Chemical tests</u> (cont)	Documented in house method (cont)
	Acid Soluble Aluminium	Method ref: ASG 012 Using concentrated nitric acid digestion and ICP-AES detection
Surface and Process waters and Trade effluents	pH	Method ref: ASG 050 By pH electrode (based on BS EN 10523:2008)
	Conductivity	Method ref: ASG 097 by conductivity electrode (based on ISO 7888:1985)
	Suspended Solids	Method ref: ASG 096 by filtration and gravimetry (based on ISO 11923:1997)
	Total dissolved solids (TDS)	Method ref: ASG 028 by evaporation and gravimetry (based on BS EN 15216:2021)
Hydrous and Calcined Kaolin and Diatomaceous earth	Crystalline Silica (Quartz)	Method ref ASG 102 using X-Ray diffraction
Diatomaceous earth and calcined diatomaceous earth	Cristobalite	Method Ref ASG 103 Using X-Ray diffraction
END		