


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p><b>UKAS</b> TESTING</p> <p>4730</p> <p>Accredited to ISO/IEC 17025:2017</p>	<h3>Imerys Minerals Limited</h3> <p>Issue No: 005      Issue date: 06 January 2021</p>	
	<p><b>Analytical Services Group</b> Par Moor Centre Par Moor Road Par Cornwall PL24 2SQ</p>	<p><b>Contact: Mr E. Vamvounis</b> Tel: +44 (0)1726 818230 Fax: +44 (0)1726 811200 E-Mail: emmanouil.vamvounis@imerys.com Website: www.imerys-perfmins.com</p>
<p><b>Testing performed at the above address only</b></p>		

### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
Industrial Minerals	<p><u>Chemical Tests</u></p> <p>Silicon Aluminium Iron Titanium Potassium Calcium Magnesium Phosphorus Sodium</p> <p>The above are reported as:</p> <p>silica (SiO<sub>2</sub>), by calculation alumina (Al<sub>2</sub>O<sub>3</sub>) by calculation iron oxide (Fe<sub>2</sub>O<sub>3</sub>) by calculation titania (TiO<sub>2</sub>) by calculation lime (CaO) by calculation magnesia (MgO) by calculation potash (K<sub>2</sub>O) by calculation soda (Na<sub>2</sub>O) by calculation phosphate (P<sub>2</sub>O<sub>5</sub>) by calculation</p> <p>Loss on Ignition</p> <p>Boiling water Soluble salts</p> <p>Water Soluble Sulphur</p>	<p>Documented in house methods:</p> <p>Method ref: ASG 040 by fused glass bead and WD XRF determination (based on ISO 12677:2003)</p> <p>Method ref: ASG 047 by Gravimetry</p> <p>Method ref: ASG 020 by gravimetry based on EN772-5:2001</p> <p>Method ref: ASG 020 by ICP-AES (based on EN772-5:2001)</p>



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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 15216:2007)
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		