

**Mfg. & Importer - Exporter of Minerals & Stones**205, Shivalik Abaise, Opp. Shell Petrol Pump, Beside Platinum Banquet Hall,  
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**QUALITY CERTIFICATE**

PRODUCT NAME : DEV SILLIMANITE

CHEMICAL NAME : Aluminum Silicate (Al<sub>2</sub>SiO<sub>5</sub>)**CHEMICAL COMPOSITION****PHYSICAL PROPERTIES**

Parameter	Unit	Specification	Typical Value	Parameter	Unit	Typical Value
Alumina (Al <sub>2</sub> O <sub>3</sub> )	%	58 – 62	60.5	Specific Gravity	g/cm <sup>3</sup>	3.2 – 3.3
Silica (SiO <sub>2</sub> )	%	36 – 40	37.8	Hardness (Mohs Scale)	-	6.5 – 7.0
Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> )	%	Max 1.5	0.9	Color	-	Light Brown / Beige
Titanium Dioxide (TiO <sub>2</sub> )	%	Max 0.2	0.15	Refractoriness	°C	Up to 1800°C
Calcium Oxide (CaO)	%	Max 0.5	0.35	Bulk Density	g/cm <sup>3</sup>	2.6 – 3.0
Magnesium Oxide (MgO)	%	Max 0.5	0.28	Particle Size (for Powder)	Micron	100 – 300 μm
Loss on Ignition (LOI)	%	Max 1.0	0.8	Form	Lumps / Grits / Powder	

THE SAMPLE OF ALUMINUM SILICATE (AL<sub>2</sub>SIO<sub>5</sub>) SUPPLIED BY DEV INTERNATIONAL CONFORMS TO THE ABOVE SPECIFICATIONS AND MEETS THE QUALITY REQUIREMENTS FOR INDUSTRIAL AND METALLURGICAL APPLICATIONS.

THE DATA ABOVE CONTAINS GENERAL INFORMATION AND DESCRIBES TYPICAL PROPERTIES ONLY.

For more details you may contact us on [info@devintl.co.in](mailto:info@devintl.co.in)

**Thanking You**

**For, Dev International**



**Mr. Sandeep Sodani (CEO)**

*This result relates to the sample tested. This certificate shall not be reproduced except in full, without written approval of the laboratory*

**\*\* AN ISO 9001 : 2008 CERTIFIED BY LABORATORY BY VINCERT \*\***