

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	36529
Product	Magnesium hydroxide
Lot Number	000052-24033
CAS Number	1309-42-8
Molecular Formula	H ₂ MgO ₂
Molecular Weight	58.32

Appearance	Almost white solid
Bulk density	0.41 g/mL (Untapped)
Density	0.55 g/mL (Tapped - 1000 taps)
Anion	Chloride : 245 ppm Carbonates : Passes test Sulfates : 0.05%
Cation	Calcium (Ca) : 0.03% Arsenic (As) : < 1.5 ppm Lead (Pb) : < 0.3 ppm Iron (Fe) : 30 ppm
Loss on Drying	0.09% (105 °C)
Particle Size	2.2% in > 325 mesh sieve residue
Insoluble material	0.034% (in Hac)
Purity	100.4%
Grade	Reagent grade
Storage	Store at RT
Additional Information	Free alkali : < 2 mL (as 0.1 N H ₂ SO ₄) Soluble salts : 1.7 mg% Loss on ignition : 30.5% (800 °C)

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager