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Product Specifications



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

Appearance	Almost white solid
Bulk density	0.41 ± 0.4 g/mL (Untapped)
Density	0.55 ± 0.6 g/mL (Tapped - 1000 taps)
Anion	Chloride (Cl) : ≤ 245 ppm Carbonates (CO ₃) : To pass test Sulfates (SO ₄) : ≤ 0.05%
Cation	Calcium (Ca) : ≤ 0.03% Arsenic (As) : ≤ 1.5 ppm Lead (Pb) : ≤ 0.3 ppm Iron (Fe) : ≤ 30 ppm
Loss on Drying	≤ 1% (105 °C)
Particle Size	≥ 2.2% in ≥ 325 mesh sieve residue
Insoluble material	≤ 1% (In Hac)
Purity	95.0 - 100.5%
Grade	Reagent grade
Storage	Store at RT
Additional Information	Free alkalie : ≤ 2 mL (as 0.1 N H ₂ SO ₄) Soluble salts : ≤ 2 mg% Loss on ignition : ≤ 33% (800 °C)

For Laboratory Use Only