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Typical Product Specifications & Properties

Magnesium Hydroxide GILUMAG D211

CAS Number: : 1309-42-8

Specifications	Limits
Melting Point	350 c (dec.)
As	max. 3 ppm
Heavy Metals	max. 30 ppm
Na	max. 0.05%
Density	2.36
Odor	odorless
Molecular weight	58.33
Solubility	soln. of ammonium salts and dilute acids
Color	white amorphous powder or colorless hexagonal crystal
Rosett - Rice titration	min. 35 minutes
Assay	95-100.5 % Mg (OH) ₂
SO ₄	max. .0.5%



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Specifications	Limits
Bulk density, loose	0.3-0.4 g/m;
Bulk Density, tapped	0.5-0.6 g/ml
Acid Neutralizing Capacity, USP	min. 30 meq/ g
Cl	max. 0.1%
pH	Approx. 10
Ph - stat test	min. 290 ml/ 310 ml/ 320 ml 0.1 nHCl
Loss on Drying (105°C/ 2h)	max. 2.0%



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