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Typical Product Specifications & Properties

Magnesium Hydroxide GILUMAG D212

CAS Number: : 1309-42-8

Specifications	Limits
Density	2.36
Heavy Metals	max. 30 ppm
Ph - stat test	min. 290 ml/ 310 ml/ 320 ml 0.1 nHCl
Loss on Drying (105°C/ 2h)	max. 2.0%
Cl	max. 0.1%
Na	max. 0.05%
Bulk density, loose	0.4-0.5 g/ml
SO4	max. .0.5%
As	max. 3 ppm
Bulk Density, tapped	0.6-0.75 g/ml
Acid Neutralizing Capacity, USP	min. 30 meq/ g
Rosett - Rice titration	min. 35 minutes



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Specifications	Limits
pH	Approx. 10
Assay	95-100.5 % Mg (OH) ₂
Melting Point	350 c (dec.)
Odor	odorless
Molecular weight	58.33
Color	white amorphous powder or colorless hexagonal crystal
Solubility	soln. of ammonium salts and dilute acids



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