



## PRODUCT SPECIFICATION SHEET

### Magnesium Carbonate, Lab Grade

#### Product Specification

Test	Specification	Typical Results
Appearance	A light white or almost white bulky powder	Complies
Assay (Calculated as MgO)	40.0 - 43.5%	41.84%
Identification A: Reaction of Magnesium	To comply the test	Complies
Identification B: Reaction of Carbonates	To comply the test	Complies
Solubility A	Practically insoluble in water and alcohol	Complies
Solubility B	Dissolves in dilute acids with effervescences	Complies
Soluble substances	NMT 1.0%	0.53%
Acid insoluble substances	NMT 0.05%	0.02%
Iron	NMT 200 ppm	<200
Arsenic	NMT 3 ppm	<3
Calcium	NMT 0.45% (USP)	0.21%
Calcium oxide	NMT 0.6% (FCC)	<0.6%
Heavy metals	NMT 0.003%	<0.003%
Lead	NMT 10 ppm	<10
Microbial Enumeration Test: E. coli	Should be absent	Complies
Bulk Density	0.32 to 0.46 gm/mL	0.38

Appropriate/legal use of this product is the responsibility of the user.

[Magnesium Carbonate, Lab Grade](#)

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