



TECHNICAL DATA SHEET(TDS)
Magnesium Oxide Light, USP/FCC Grade
Product Specifications (CAS# 1309-48-4)

Test	Specification	Typical Results
Appearance	Very bulky, white powder	Complies
Assay	96.0 - 100.5% on dried basis	99.12%
Identification	Gives test for Magnesium salts	Complies
Acid insoluble substances	NMT 0.1% (2 mg)	0.05%
Calcium	NMT 1.1%	0.63%
Iron	NMT 0.05%	<0.05%
Arsenic	NMT 3 ppm	<3 ppm
Heavy metals	NMT 0.04%	<0.04%
Lead	NMT 10 ppm	<10 ppm
Loss on ignition (LOI)	NMT 10.0%	3.64%
Bulk Density	Maximum 0.25 gm/mL	0.13 gm/mL
Free alkali and soluble salts	NMT 2.0% (10 mg)	0.17%

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

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