



TECHNICAL DATA SHEET(TDS)
Magnesium Oxide Heavy, Lab Grade
Product Specifications (CAS# 1309-48-4)

Test	Specification	Typical Results
Description	Very bulky, white powder	Complies
Assay	96.0 - 100.5% on dried basis	99.12
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
Heavy metals	NMT 0.04%	<0.04
Lead	NMT 10 ppm	<10
Loss on ignition (LOI)	NMT 10.0%	3.64

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

[Magnesium Oxide Heavy, Lab Grade](#)

Phone: 512-668-9918, Fax: 512-886-4008, E-mail: customercare@laballey.com
www.laballey.com

12501 Pauls Valley Road, Suite A, Austin, Texas 78737
© 2026 Lab Alley