

Certificate of Analysis**Product: Magnesium Oxide Powder Reagent Grade****Item Number: C5050****CAS#: 1309-48-4****Grade: Reagent****Lot Number: 260407-3A****Manufacture Date: 10/02/2025****Expiration Date: 10/01/2028****Country of Origin: United States**

Tested Property	Specification	Analysis
Assay MgO, Ignited Basis %	≥95.0%	96.0
Insoluble in Dilute HCl	≤0.02%	<0.02
Water Soluble Substances	≤0.40%	0.30
Ammonium Hydroxide Ppt.	≤0.02%	<0.02
Iron	≤0.02%	<0.02
Heavy Metals	≤0.003%	0.002
Barium	≤0.005%	<0.005
Chloride	≤0.01%	<0.01
Nitrate	≤0.005%	<0.005
Sulfate & Sulfite	≤0.02%	<0.02
Loss on Ignition	≤2.0%	1.5
Manganese	≤5mg/kg	<5
Potassium	≤0.005%	<0.005
Sodium	≤0.5%	0.47
Strontium	≤0.005%	<0.005

Store in a cool, dry, and well-ventilated environment.

[Magnesium Oxide Powder Reagent Grade](#)

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