

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name: **Magnesium oxide**  
Specifications & Purity: Analytical Reagent, 98.0%  
SKU #: **M103940**

Parameter	Limit Values
Heavy metal (as Pb)	0-0.003 (%)
(PO <sub>4</sub> )Phosphate	0-0.003 (%)
Sodium(Na)	0-0.05 (%)
Barium and strontium(as Ba)	0-0.005 (%)
Iron(Fe)	0-0.005 (%)
Chloride (Cl <sup>-</sup> )	0-0.01 (%)
Copper(Cu)	0-0.001 (%)
Potassium(K)	0-0.005 (%)
carbonate (CO <sub>2</sub> )	0-1.5 (%)
loss on Ignition	0-2 (%)
Calcium(Ca)	0-0.02 (%)
Insiluble matter in hydrochloric	0-0.01 (%)
Zinc(Zn)	0-0.005 (%)
Total Nitrogen	0-0.001 (%)
Assay(MgO)	98-100 (%)
(As)Arsenic	0-0.0001 (%)
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.02 (%)
Insoluble matter in HCl	0-0.01 (%)
Appearance (M103940)	White powder
Clarity of solution	pass
X-Ray Diffraction	Conforms to Structure