

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com**Product Specification**

Product Name:

Magnesium oxide ≥99% trace metals basis, -325 mesh

Product Number:**342793**

CAS Number:

1309-48-4

MDL:

MFCD00011109

Formula:

MgO

Formula Weight:

40.3 g/mol

MgO

TEST	Specification
Appearance (Color)	White to Off-White
Appearance (Form)	Powder
X-Ray Diffraction	Conforms to Structure
Complexometric EDTA % Mg	≥53.0 %
Size -325 Mesh	Confirmed
Loss on Ignition 1000 Degrees Celsius	≤10.0 %
Trace Metal Analysis	≤10000.0 ppm
Purity ≥99% Based On Trace Metals Analysis	Meets Requirements

Remarks:

Reviewing Chemist :

Specification Date : 12/21/2010

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.