

Technical Datasheet

Article no.: 1489

Magnesiumoxide heavy puriss., Ph. Eur. (min. 98.0 %)

MgO

For laboratory use.

Parameter	Value
CAS no.	1309-48-4
Appearance/condition	White solid
Density	3.58 g/ml
Molar mass	40.30 g/mol
Assay	min. 98.0 %
Appearance	complies
Soluble substances	max. 2.0 %
Insoluble substances (in acid)	max. 0.1 %
Calcium (Ca)	max. 1.5 %
Calciumoxide (CaO)	max. 1.5 %
Sulfate (SO ₄)	max. 1.0 %
Lead (Pb)	max. 0.00005 %
Cadmium (Cd)	max. 0.00005 %
Mercury (Hg)	max. 0.00005 %
Arsenic (As)	max. 0.0001 %
Siliciumoxide (SiO ₂)	max. 0.5 %
Chloride (Cl)	max. 0.1 %
Iron (Fe)	max. 0.07 %
Loss on ignition	max. 5 %
Particle size (> 325 Mesh)	max. 25 %
Bulk weight	250 – 650 g/l

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