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MgO

Product Specifications

Catalogue Number	30181
Product	Magnesium oxide
CAS Number	1309-48-4
Molecular Formula	MgO
Molecular Weight	40.3
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Appearance	White powder
Solubility	≤ 0.4% water soluble substances
Heavy Metals	≤ 0.003% (as Pb)
Anion	Chloride (Cl ⁻) : ≤ 0.01% Nitrate (NO ₃ ⁻) : ≤ 0.005% Sulfate and sulfite (SO ₄ ²⁻) : ≤ 0.02%
Cation	Barium (Ba) : ≤ 0.005% Calcium (Ca) : ≤ 0.05% Manganese (Mn) : ≤ 5 ppm Potassium (K) : ≤ 0.005% Sodium (Na) : ≤ 0.5% Strontium (Sr) : ≤ 0.005% Iron (Fe) : ≤ 0.01%
Insoluble	≤ 0.02% in dilute hydrochloric acid
Assay by titration	≥ 97% (Dry basis)
Grade	ACS reagent
Storage	Store at RT
Additional Information	Loss on igniton : ≤ 2%

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For Laboratory Use Only