

Magnesium Oxide, AR.

MgO	FW. 40.30	Density	= 3.58	g/cm ³
CAS-No.	1309-48-4	Boiling Point	3600	°C
Code	AR1244	Melting Point	2800	°C

Specifications

Assay	97.0%	min.
Appearance of Solution	Passes test	
Loss on Ignition (900°C)	8.0%	max.
Substances soluble in water	2.0%	max.
Substances insoluble in CH ₃ COOH	0.1%	max.
Chloride (Cl)	0.1%	max.
Sulfate (SO ₄)	1.0%	max.
Heavy metals (as Pb)	0.002%	max.
Arsenic (As)	0.0003%	max.
Iron (Fe)	0.05%	max.

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