

## SPECIFICATION

## Magnesium Oxide

## Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White powder
* Bulk density	min.0.17g/mL
Assay (MgO)	min.98.0%(mass/mass)
Hydrochloric acid-insoluble matter	max.0.01%(mass/mass)
Water-soluble matter	max.0.4%(mass/mass)
Loss on ignition at 800°C	max.2.0%(mass/mass)
Chloride (Cl)	max.0.01%(mass/mass)
Sulfate (SO <sub>4</sub> )	max.0.02%(mass/mass)
Carbonate	to pass test
Nitrogen compounds (as N)	max.0.002%(mass/mass)
Sodium (Na)	max.0.2%(mass/mass)
Potassium (K)	max.0.005%(mass/mass)
Copper (Cu)	max.0.001%(mass/mass)
Calcium (Ca)	max.0.02%(mass/mass)
Strontium (Sr)	max.0.005%(mass/mass)
Barium (Ba)	max.0.005%(mass/mass)
Zinc (Zn)	max.0.002%(mass/mass)
Lead (Pb)	max.0.003%(mass/mass)
Arsenic (As)	max.1ppm(mass/mass)
Iron (Fe)	max.0.005%(mass/mass)

JIS K 8432:2017

(\*:Additional test performed by Wako but not required by JIS)

This product is heavy.