



TECHNICAL DATASHEET

Magnesium Oxide (Caustic Calcined Magnesite) // MgO

Magnesium Oxide (MgO) min.85.0
% Magnesium (Mg) min.51.0
% Silicon Dioxide (SiO₂) max.8.0
% Calcium Oxide (CaO) max.4.0
% Iron (III) Oxide (Fe₂O₃) max.1.5
% Aluminium (III) Oxide (Al₂O₃) max.0.5
% Loss on ignition max.10.0
Particle size 0 – 0.1 mm

Maximum permitted undesirables

:Inorganic contaminants

Arsenic (As) 20 mg/kg

Cadmium (Cd) 2 mg/kg

Fluorine (F) 600 mg/kg

Lead (Pb) 10 mg/kg

Mercury (Hg) 0.1 mg/kg

Nitrites (as Sodium nitrite) 15 mg/kg

:Dioxins and PCBs

Dioxins (ng WHO-PCCD/F-TEQ/kg) 0.75 ng/kg

Dioxins+PCBs (ng WHO-PCDD/F-PCB-TEQ/kg) 1.0 ng/kg