

Material Identification:

Product: Magnesium Oxide DC Grade FCC.

Manufacturer: Dead Sea Periclase

Technical Information: **Store in dry space. Exposure to moisture may cause caking.**

Test		Specification
Magnesium Oxide as MgO		96 % - 100.5%
Calcium as CaO		< 1.5%
Arsenic as As		< 3 ppm
Heavy Metals as Pb		< 20 ppm
Lead as Pb		< 0.2 ppm
Iron as Fe		< 500 ppm
Chloride as Cl		< 1000ppm
Sulphate as SO ₄		< 0.75%
Free Alkali (as 0.1 N H ₂ SO ₄ per g.)		< 2.0 ml
Soluble Salts		< 2.0%
Acid Insoluble		< 0.1%
Loss on Ignition		< 10%
Appearance		White to off white granular powder
Identification positive for Magnesium		conforms
Bulk Density Tapped		.90 – 1.20 g/cc
Particle Size		
+30		8-20%
-30+60		60-80%
-60+100		5-25%
-100		1-8%