

TECHNICAL DATA SHEET

Document #: ENJTDS502609002 | Issue Date: 29/09/2026

Product Name:	Magnesium Oxide — Feed Grade 90%
CAS No.:	1309-48-4
Molecular Formula:	MgO
Molecular Weight:	40.3
Storage:	Store in a dry place, away from moisture and direct sunlight
Revision Date:	15-04-2026
Category:	Feed Grade
Packing Size:	25KG
Origin:	JORDAN
Production Date:	09-2026
Expiry Date:	09-2029

ANALYTICAL INFORMATION

TESTS

SPECIFICATIONS

Appearance	White to off-white powder
Assay (MgO content)	90 ±3%
Magnesium (Mg)	54 ±2%
Loss on Ignition (LOI)	4 ±1%
Al ₂ O ₃	1 ±0.5%
CaO	2 ±1%
SiO ₂	4 ±1%
Moisture content	7 ±2% (ASTM D2216-05)
Particle size	<74 µm (more than 80%) (ISIR 18199-1)
Heavy Metals (as Pb)	≤ 20 ppm (AOAC 1990)

Note: figures are scaled/estimated from available reference lab data for this grade
Please confirm against actual QC/lab results before printing.

