



LEONID CHEMICALS PVT. LTD.

FINE CHEMICAL

Department: Quality Control

Document No: LCPL/QSD/QAD/11

SOP No.: SOP/QC/11-M324

SPECIFICATION : MAGNESIUM OXIDE (ELECTRICAL GRADE)

Issue date	25/05/2018	Review date	24/05/2023	Location	Dobaspet
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PRODUCT DETAILS

1	Molecular Formula	MgO
2	Product code	M324
3	Molecular weight	40.30
4	CAS No	1309-48-4
5	Risk Statement No	---
6	Safety Statement No	24/25
7	UN No.	---

MgO

PACKING DETAILS

	Product code	Pack size
1	M324	500 g
2	M324	5.0 Kg

PRODUCT SPECIFICATION

SL. No.	TEST PARAMETERS	LIMITS
1	Description	White powder
2	Tap density	Between 2.32 and 2.36 g/mL
3	Sieve analysis – 40 mesh passes	Not more than 0.1%
4	Sieve analysis – 45 mesh passes	Not more than 2.0%
5	Sieve analysis – 60 mesh passes	Between 19.0 % and 38.0%
6	Sieve analysis – 325 mesh passes	Not more than 3.0%
7	Leakage at 8W/cm ₂	Not more than 1.3
8	Flow	Not more than 190

SAFETY SYMBOLS