

	LEONID CHEMICALS PVT. LTD.				
	FINE CHEMICAL				
Department: Quality Control		Document No: LCPL/QSD/QAD/11		SOP No.: SOP/QC/11-M018	
SPECIFICATION : MAGNESIUM OXIDE LR					
Issue date	16/04/2018	Review date	15/04/2023	Location	All Units
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PRODUCT DETAILS

1	Molecular Formula	MgO
2	Product code	M018
3	Molecular weight	40.344
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	M00210	500 g
2	M00213	5.0 Kg

PRODUCT SPECIFICATION

SL. No.	TEST PARAMETERS	LIMITS
1	Description	White powder
2	Assay	Between 95.0% and 100.5%
3	Bulk density	About 0.1 g/mL
4	Acid insoluble substances	Not more than 0.1%
5	Free alkali & soluble salts	Not more than 2.0%
6	Calcium (Ca)	Not more than 1.1%
7	Heavy metals (as Pb)	Not more than 0.002%
8	Iron (Fe)	Not more than 0.05%
	Loss on ignition (800°C)	Not more than 10.0%

SAFETY SYMBOLS