



Quality control laboratory

Product name	Magnesium oxide	Batch no.	MGO9204K
MFG .Date	07/2025	EXP.Date	07/2030
Sensitive	air	Storage	-

CAS no. 1309-48-4 M.W 40.30 g/mol M.F MgO

S.N	Characteristics	Unite	Specification	Result
1	Appearance		gray powder	Pass
2	Density	g/ml	3.5	Pass
3	Melting point	C	2852	Pass
4	Solubility	In water	insoluble	Pass
5	pH	--	10.2	Pass
6	Assay	Wt%	MIN (90)	94
7	Heavy metal as (Pb)	PPM	MAX 2	Pass
8	Sulfate	PPM	MAX 10	Pass
9	Chloride	PPM	MAX 5	Pass
10	Calcium	PPM	MAX 10	Pass

Above batch material complies with prescribed quality of the standard as stated above.

M.Nashat
QC Manger

