



Quality control laboratory

Product name	Magnesium sulfate heptahydrate	Batch no.	MS0925K
MFG .Date	04/2025	EXP.Date	04/2030
Sensitive	--	Storage	--

CAS no. 10034-99-8 M.W 246.5 g/mol M.F MgSO₄.7H₂O

S.N	Characteristics	Unite	Specification	Result
1	Appearance		Colorless crystal	pass
2	Density	g/ml	1.68	pass
3	Melting point	C	274	pass
4	Solubility	In water	soluble	pass
5	pH	--	5 – 8.5	pass
6	Assay	Wt%	MIN (98)	99
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 2	Pass

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

M.Nashat

QC Manger

