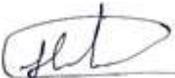


CERTIFICATE OF ANALYSIS

Product Name : MANGANESE SULPHATE MONOHYDRATE
 Lot No. : PEL/TCG/247985/25 Release Date : 1-OCT-2025
 Mol. Formula : MnSO₄.H₂O Mol. Weight : 169.02
 Code No. : PEL107 CAS No. : 10034-96-5
 Mfg. Date : Aug-2025 Exp. Date : Jul-2030

Sr.	Tests	Specifications	Results
1	Appearance	White to off white to pink colored powder	Pink coloured powder
2	Assay	98.0 - 101.0%	99.5%
3	Insoluble matter	Max 0.01%	<0.01%
4	Chloride (Cl)	Max 0.005%	0.003%
5	Calcium (Ca)	Max 0.005%	0.0006%
6	Iron (Fe)	Max 0.002%	0.0006%
7	Heavy metal (as Pb)	Max 0.002%	Not detected
8	Magnesium (Mg)	Max 0.005%	0.002%
9	Nickel (Ni)	Max 0.02%	0.00004%
10	Potassium (K)	Max 0.01%	Not detected
11	Sodium (Na)	Max 0.05%	0.00007%
12	Zinc (Zn)	Max 0.005%	0.0002%
13	Substance reducing KMnO ₄ (as O) - ACS	Passes test	Passes test
14	Loss on ignition (at 400-500°C)	10 - 13%	10.9%

The above material conforms to the quality specifications of PELICAN (Trust Lies Here).



Pelican
 (Trust lies here)