

CERTIFICATE OF ANALYSIS

Product Name : FERROUS SULPHATE HEPTAHYDRATE	
Lot No. : PEL/TCG/250768/25	Release Date : 1-Oct-2025
Mol. Formula : FeSO ₄ .7H ₂ O	Mol. Weight : 278.01
Code No. : PEL115	CAS No. : 7782-63-0
Mfg. Date : Oct-2025	Exp. Date : Sep-2028
HAZ. / P.G. : -	UN No. : -

Sr.	Tests	Specifications	Results
1	Appearance	Light blue or blue-green or green powder or crystals	Light blue crystalline powder
2	Assay	Min 99.0%	101.13%
3	Ferric ion (Fe ⁺³)	Max 0.1%	0.1%
4	Copper (Cu)	Max 0.005%	0.00013%
5	Insoluble matter	Max 0.01%	0.004%
6	pH (5% solution in water)	3.0 - 4.2	3.49
7	Chloride (Cl)	Max 0.001%	0.00099%
8	Phosphate (PO ₄)	Max 0.001%	0.0009%
9	Manganese (Mn)	Max 0.05%	0.032%
10	Zinc (Zn)	Max 0.005%	0.002%
11	Calcium (Ca)	Max 0.005%	0.0028%
12	Magnesium (Mg)	Max 0.002%	0.00062%
13	Potassium (K)	Max 0.002%	0.000084%
14	Sodium (Na)	Max 0.02%	0.005%

CONCLUSION -Based on the evaluation, the product meets all applicable **PELICAN (Trust Lies Here)** specifications.



Pelican
 (Trust lies here)