

CERTIFICATE OF ANALYSIS

PRODUCT NAME : AMMONIUM FERROUS SULPHATE AR (HEXAHYDRATE)
(Diammonium Iron (II) Sulphate)

CAS No	: 7783-85-9	Product code	: 21580
Mol. Formula	: (NH ₄) ₂ SO ₄ FeSO ₄ ·6H ₂ O	Batch No.	: MCAR-00558
Mol. WT	: 392.13	Mfd.	: Sept. 2024
Date of analysis	: 05/09/24	Exp.	: Aug. 2029

S.R	Test	Specification	Observation
1	Appearance	Pale greenish-blue crystals or crystalline powder.	Pale greenish-blue crystalline powder.
2	Assay	99.0-100.5%	99.52%w/w
3	pH (5% aq. solution)	Not less than 3.5	3.86
4	Insoluble matter	0.003% max	0.001%
5	Chloride (Cl)	0.001% max	< 0.001%
6	Copper (Cu)	0.002% max	< 0.002%
7	Ferric iron (Fe ³⁺)	0.02% max	< 0.02%
8	Lead (Pb)	0.002% max	< 0.002%
9	Manganese (Mn)	0.05% max	< 0.05%
10	Potassium (K)	0.02% max	< 0.02%
11	Sodium (Na)	0.02% max	< 0.02%
12	Zinc (Zn)	0.006% max	< 0.006%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]



CHEMIST
(Shruti)



HEAD-QUALITY ASSURANCE
(G.G.Salián)

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