

CERTIFICATE OF ANALYSIS

PRODUCT NAME : FERRIC NITRATE AR (NONAHYDRATE)

CAS No	: 7782-61-8	Product code	: 23240
Mol. Formula	: Fe(NO ₃) ₃ .9H ₂ O	Batch No.	: MCAR-00868
Mol. WT	: 404.00	Mfd.	: Nov. 2024
Date of analysis	: 29/11/24	Exp.	: Oct. 2029

S.R	Test	Specification	Observation
1	Description	Pale mauve to reddish brown crystals or crystalline powder	Pale mauve crystalline powder.
2	Assay	99 % w/w min	99.57% w/w
3	Insoluble matter	0.003% max	0.001%
4	Acidity (HNO₃)	0.4% max	<0.4%
5	Chloride (Cl)	0.0005% max	<0.0005%
6	Phosphate (PO₄)	0.005% max	<0.005%
7	Sulphate (SO₄)	0.005% max	<0.005%
8	Calcium (Ca)	0.005% max	<0.005%
9	Copper (Cu)	0.005% max	<0.005%
10	Lead (Pb)	0.001% max	<0.001%
11	Magnesium (Mg)	0.001% max	<0.001%
12	Manganese (Mn)	0.02% max	<0.02%
13	Potassium (K)	0.005% max	<0.005%
14	Sodium (Na)	0.005% max	<0.005%
15	Zinc (Zn)	0.001% max	<0.001%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Shruti)**

[QC Incharge]



**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

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