

## CERTIFICATE OF ANALYSIS

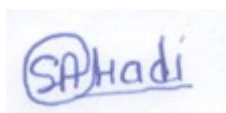
**PRODUCT NAME : FERRIC NITRATE AR (NONAHYDRATE)**

<b>CAS No</b>	: 7782-61-8	<b>Product code</b>	: 23240
<b>Mol. Formula</b>	: Fe(NO <sub>3</sub> ) <sub>3</sub> .9H <sub>2</sub> O	<b>Batch No.</b>	: MCAR-01202
<b>Mol. WT</b>	: 404.00	<b>Mfd.</b>	: Feb. 2025
<b>Date of analysis</b>	: 07/02/25	<b>Exp.</b>	: Jan. 2030

S.R	Test	Specification	Observation
1	<b>Description</b>	Pale mauve to reddish brown crystals or crystalline powder	Reddish brown crystalline powder.
2	<b>Assay</b>	99 % w/w min	99.56% w/w
3	<b>Insoluble matter</b>	0.003% max	0.001%
4	<b>Acidity (HNO<sub>3</sub>)</b>	0.4% max	<0.4%
5	<b>Chloride (Cl)</b>	0.0005% max	<0.0005%
6	<b>Phosphate (PO<sub>4</sub>)</b>	0.005% max	<0.005%
7	<b>Sulphate (SO<sub>4</sub>)</b>	0.005% max	<0.005%
8	<b>Calcium (Ca)</b>	0.005% max	<0.005%
9	<b>Copper (Cu)</b>	0.005% max	<0.005%
10	<b>Lead (Pb)</b>	0.001% max	<0.001%
11	<b>Magnesium (Mg)</b>	0.001% max	<0.001%
12	<b>Manganese (Mn)</b>	0.02% max	<0.02%
13	<b>Potassium (K)</b>	0.005% max	<0.005%
14	<b>Sodium (Na)</b>	0.005% max	<0.005%
15	<b>Zinc (Zn)</b>	0.001% max	<0.001%

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**



**CHEMIST  
(Sonu)**



**[QC Incharge]**



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

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