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# Certificate of Analysis

**Product**

**87144 - Ferric Nitrate Nonahydrate ACS, 98% -  
[7782-61-8]**

**Batch No**

**7654084**

**Analysis Date**

08-Feb-2024

**Date of Manufacture**

February 2024

**Expiry Date/Re-Test Date**

February 2029

**Molecular Formula**

Fe(NO<sub>3</sub>)<sub>3</sub> .9H<sub>2</sub>O

**Molecular Weight**

404.00

Test Parameters	Standards	Actual Results
Appearance (Colour)	Pale mauve	Pale mauve
Appearance (Form)	Solids or crystals	Solid
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Orange	Orange
Assay (Iodometric)	min. 98%	99.2%
Insoluble matter	max. 0.005%	0.001%
Chloride (Cl)	max. 0.0005%	Passes
Sulphate (SO <sub>4</sub> )	max. 0.01%	Passes
Calcium (Ca)	max. 0.01%	Passes
Magnesium (Mg)	max. 0.005%	Passes
Potassium (K)	max. 0.005%	Passes
Sodium (Na)	max. 0.05%	Passes

FRM/82/11/4/87144 Rev No. 4 Date 09/09/2023

Prepared by Prasad

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, India

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1/1

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