



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

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Certificate of Analysis

Product

**72655 - Ferric Chloride Hexahydrate ACS, 97% -
[10025-77-1]**

Batch No

8720056

Analysis Date

06-May-2024

Date of Manufacture

May 2024

Expiry Date/Re-Test Date

May 2029

Molecular Formula

FeCl₃.6H₂O

Molecular Weight

270.30

Test Parameters	Standards	Actual Results
Appearance (Colour)	Brownish yellow	Brownish yellow
Appearance (Form)	Solid	Solid
Assay (Iodometric)	min. 97%	98.6%
Insoluble matter	max. 0.01%	0.004%
Nitrate (NO ₃)	max. 0.01%	Passes
Sulphate (SO ₄)	max. 0.01%	Passes
Phosphate (PO ₄)	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
Zinc (Zn)	max. 0.003%	Passes
Ferrous iron (Fe ⁺⁺)	max. 0.002%	Passes

FRM/82/11/4/72655 Rev No. 1 Date 01/07/2021

Prepared by Prasad

In compliance with the standard specifications of SRL

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

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