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## Certificate of Analysis

<b>Product</b>	<b>82984 - Ferrous Chloride Tetrahydrate extrapure, 98% - [13478-10-9]</b>
<b>Batch No</b>	<b>1170513</b>
<b>Analysis Date</b>	13-Jun-2024
<b>Date of Manufacture</b>	June 2024
<b>Expiry Date/Re-Test Date</b>	June 2029
<b>Molecular Formula</b>	FeCl <sub>2</sub> .4H <sub>2</sub> O
<b>Molecular Weight</b>	198.81

Test Parameters	Standards	Actual Results
Appearance (Colour)	Green to yellowish brownish green or pale green to yellowish greenish brown.	Yellowish brownish green
Appearance (Form)	Crystals or crystalline powder	Crystals
Solubility (Turbidity) 5% solution in 5N HCl	Clear	Clear
Assay (Redox Titration)	min. 98.0%	99.2%
Zinc (Zn)	max. 0.005%	Passes
Sulphate (SO <sub>4</sub> )	max. 0.01%	Passes
Water (KF)	35.0 - 37.5%	37.3%

FRM/82/11/4/82984 Rev No. 5 Date 09/11/2022

Prepared by **Dhanashree**

In compliance with the standard specifications of SRL

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

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