



# Qualikems Lifesciences Pvt. Ltd.

Ho & Works : Plot No. 68-69,G.I.D.C Industrial Estate, Nandesari, Vadodara-391340 (Guj.)

Telefax : 91-265-2841531,2841532,2841534,2841535

Email: salesindia@qualikems.com ,www.qualikems.com

## CERTIFICATE OF ANALYSIS

<b>Name of Product</b>	: Ferric Chloride hexahydrate	<b>CAS No.</b>	: 10025-77-1
<b>Molecular Formula</b>	: FeCl <sub>3</sub> .6H <sub>2</sub> O	<b>Molecular Weight</b>	: 270.30 g/mole
<b>Batch No.</b>	: QF2603283	<b>Grade</b>	: LR
<b>Mfg. Date</b>	: March-2026	<b>Retest Date</b>	: February -2031

Sr. No.	Tests	Specification	Observation
1	Appearance	Yellow to Yellow-Orange/Brown Lumps	Complies
2	Assay (iodometric)	Min 97 %	97.67 %
<b>Maximum Limits of Impurities:</b>			
3	Substance insoluble in HCl	0.05 %	0.03 %
4	Free acid ( as HCl)	0.2 %	0.1 %
5	Free Chlorine ( Cl )	0.005 %	< 0.005 %
6	Sulphate (SO <sub>4</sub> )	0.05 %	< 0.05 %
7	Total Nitrogen (N)	0.005 %	0.002 %
8	Heavy metal ( as Pb)	0.005 %	0.003 %
9	Arsenic (As)	0.001 %	0.0004 %
10	Substance not precipitate by NH <sub>3</sub> ( as SO <sub>4</sub> )	0.1 %	< 0.1 %

**Conclusion:** Product complies as per above specification.

**Note:** This document has been produced electronically and it is valid without signature.

Quality of our product tested and reported in the COA are as per the specification and without any prejudice/liability what so ever the end product performance

Sales Office : 5531,Basti Harphool singh Sadar Thana Road, Delhi-110006, INDIA

Tel : +91-11-23618475/23618476 | Fax:+91-11-23678476



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