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### **CERTIFICATE OF ANALYSIS**

**Name of the Sample** : **Iron (III) chloride 6H<sub>2</sub>O AR**  
**Batch No.** : **225803**  
**Date of Mfg** : **June 2022**  
**Date of Exp** : **May 2027**  
**Register No.** : **2022-23**  
**Qty of Sample** : **500gm**  
**Date of Analysis** : **June 2022**

<b>S. No</b>	<b>Test Parameters</b>	<b>Observed Values</b>	<b>Standard Values</b>
1.	<b>Description</b>	<b>Passes</b>	<b>Brown yellowish Hygroscopic lumps</b>
2.	<b>Assay (as FeCl<sub>3</sub>.6H<sub>2</sub>O)</b>	<b>98.15%</b>	<b>97.0 - 102 %</b>
3.	<b>Hydrochloric acid insoluble matter</b>	<b>0.002%</b>	<b>Max.0.003%</b>
4.	<b>Acidity</b>	<b>0.16%</b>	<b>Max.0.2%</b>
5.	<b>Free Chlorine</b>	<b>0.0006%</b>	<b>Max.0.001%</b>
6.	<b>Phosphate</b>	<b>0.0008%</b>	<b>Max.0.001%</b>
7.	<b>Sulphate</b>	<b>0.01%</b>	<b>Max.0.01%</b>
8.	<b>Ferrous Iron</b>	<b>0.0098%</b>	<b>Max.0.015%</b>

**Chief Chemist**