

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-25 18:00:52
 Date of Next Testing: 2029-08-24 18:00:52
 Product Name: **Iron(III) chloride**
 CAS Number: 7705-08-0
 Specifications & Purity: PrimorTrace™, ≥99.99% metals basis
 Lot #: H2514151
 SKU #: **I112066**
 Version: **0**
 Analysis #: **082956**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Fe(Titration by Na ₂ S ₂ O ₃)	33.9-34.9 (%)	34.89000 %
Water by Karl Fischer	0-1 (%)	0.99900 %
Total Metallic Impuritie	0-100 (ppm)	99.00000 ppm
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99010 %
Appearance (I112066)	Dark green or Brown to black powder or crystals	Dark green or Brown to black powder or crystals
ICP: Confirms Iron Component	Confirmed	Confirmed
Solubility in HCL , Brown to Black,Clear,50mg/ml	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager