

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2022-09-13 17:26:58
Date of Next Testing: 2026-09-12 17:26:58
Product Name: **Ferric sesquioxide**
CAS Number: 1309-37-1
Specifications & Purity: $\geq 99.0\%$
Lot #: I2207644
SKU #: **F108317**
Analysis: **099912**

Parameter	Limit Values	Result
Insoluble matter in hydrochloric	0-0.02 (%)	0.00000 %
Heavy metals (as Cu)	0-0.01 (%)	0.00640 %
Solubility in H ₂ O	0-0.1 (%)	0.02670 %
Sulfate(SO ₄ ²⁻)	0-0.08 (%)	0.04000 %
Total Nitrogen	0-0.005 (%)	0.00350 %
Substances not precipitated by ammonium sulfide	0-0.2 (%)	0.00590 %
Purity(RT)	99-100 (%)	99.97000 %
Appearance (F108317)	Red to Brown to Red-Brown Powder	Red to Brown to Red-Brown Powder
ICP: Confirms Iron Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager