

Shanghai Aladdin Biochemical Technology Co., LTD
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Certificate of Analysis

Date of Testing: 2025-04-30 15:48:13
Date of Next Testing: 2029-04-29 15:48:13
Product Name: **Ferric sesquioxide**
CAS Number: 1309-37-1
Specifications & Purity: AR, ≥99%
Lot #: D2502383
SKU #: **F108317**
Version: **1**
Analysis #: **484821**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Insoluble matter in hydrochloric	0-0.02 (%)	0.00000 %
Heavy metals (as Cu)	0-0.01 (%)	0.00070 %
Purity(RT)	99-100 (%)	99.65000 %
Sulfate(SO42-)	0-0.08 (%)	0.06100 %
Substances not preci-pitated by ammonium sulfide	0-0.2 (%)	0.00000 %
Total Nitrogen	0-0.005 (%)	0.00500 %
Solubility in H2O	0-0.1 (%)	0.10000 %
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

