

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2025-10-29 18:16:57

Date of Next Testing: 2029-10-28 18:16:57

Product Name: **Ferric oxide**

CAS Number: 1309-37-1

Specifications & Purity: $\geq 98\%$ metals basis, 10nm ,type γ

Lot #: J2522033

SKU #: **V33001**

Version: **0**

Analysis #: **600582**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	98-100 (%)	98.66 %
Fe(Titration by Na ₂ S ₂ O ₃)	68.2-71.7 (%)	70.05 %
Particle size	5-15 (nm)	12.42 nm
Total Metallic Impuritie	0-20000 (ppm)	13407.00 ppm
Crystalline	primarily γ	primarily γ
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Appearance(V33001)	Red to Brown to Red-Brown Powder	Red to Brown to Red-Brown Powder

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zhu

