

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2025-01-09 17:55:23

Date of Next Testing: 2029-01-08 17:55:23

Product Name: **Ferric oxide**

CAS Number: 1309-37-1

Specifications & Purity: 30nm,99.5% metals basis, α -type

Lot #: A2509003

SKU #: **S52724**

Version: **0**

Analysis #: **461233**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Total Metallic Impuritie	0-5000 (ppm)	2409.00 ppm
Average particle size	20-40 (nm)	22.19 nm
Fe(Titration by Na ₂ S ₂ O ₃)	64-71.7 (%)	64.35 %
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.80 %
Crystal Type primarily	α	α
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Appearance(S52724)	dark brown to red-brown powder	dark brown to red-brown powder

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zhu

