

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2025-10-21 13:59:27

Date of Next Testing: 2026-10-20 13:59:27

Product Name: **Iron oxide(II,III)**

CAS Number: 1317-61-9

Specifications & Purity: 15-30nm , 5mg/ml in H₂O

Lot #: K2401201

SKU #: **S52934**

Version: **0**

Analysis #: **434007**

Storage Temperature: Room temperature,Argon charged

Parameter	Limit Values	Result
Magnetization At 4500Oe	≥20 (emu/g)	24.87 emu/g
Particle Size(DLS)	40-90 (nm)	58.87 nm
Particle Size(TEM)	15-30 (nm)	27.00 nm
Concentration	4.5-5.5 (mg/ml)	4.66 mg/ml
ICP: Confirms Iron Component	Confirmed	Confirmed
Appearance(S52934)	Brown to Black Liquid	Brown to Black Liquid

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zou

