



质量检验报告
CERTIFICATE OF ANALYSIS

产品名称(Product Name)：硝酸铁(III) 九水合物

英文名称(English Name)：Iron nitrate nonahydrate

分子式(Molecular Formula)：FeN3O9·9H2O

分子量(Molecular Wt)：404

CAS：7782-61-8

储存条件(Storage Condition)：RT

货号(Item No)：S50638

批号 (Lot. Number)：LS453132

检测日期(Date of Testing)：2026-04-06

复测日期(Date of Retesting)：2029-04-05

分析项目 SPECIFICATION PROPERTIES	技术指标 STANDARD	实测结果 RESULTS
Appearance	Purple powder or crystals	Purple powder or crystals
Solubility	100mg/mL, H2O	Clear,yellow to orange solution
Free acid(HNO3)	0-0.3%	0.003%
Copper(Cu)	0-50 ppm	44.00 ppm
Zinc(Zn)	0-10 ppm	8.00 ppm
Lead(Pb)	0-10 ppm	5.00 ppm
Purity Titration by EDTA	98-102%	99.99%
Calcium(Ca)	0-50 ppm	22.00 ppm
Manganese(Mn)	0-0.02%	0.001%
X-Ray Diffraction	Conforms to Structure	Conforms to Structure

Quality Assurance：Xiaoyong Tan



Quality Control：Yunfei Zhu