



**质量检验报告**  
**CERTIFICATE OF ANALYSIS**

产品名称(Product Name) : 无水三氯化铁

英文名称(English Name ) : Iron(III) chloride

分子式(Molecular Formula) : FeCl3

分子量(Molecular Wt) : 162.2

CAS : 7705-08-0

储存条件(Storage Condition) : RT

货号(Item No) : W12305

批号 (Lot. Number) : I2420553

检测日期(Date of Testing) : 2024-09-28

复测日期(Date of Retesting) : 2027-09-27

| 分析项目<br>SPECIFICATION PROPERTIES                 | 技术指标<br>STANDARD                                | 实测结果<br>RESULTS                                 |
|--------------------------------------------------|-------------------------------------------------|-------------------------------------------------|
| Appearance                                       | Dark green or Brown to black powder or crystals | Dark green or Brown to black powder or crystals |
| Water by Karl Fischer                            | 0-1 ( % )                                       | 0.00000 %                                       |
| Purity(Based On Trace Metals Analysis)           | 99.9-100 ( % )                                  | 99.93680 %                                      |
| Trace Metal Analysis                             | 0-2000 ( ppm )                                  | 632.00000 ppm                                   |
| Fe(Titration by Na2S2O3)                         | 33.9-34.9 ( % )                                 | 33.90000 %                                      |
| ICP: Confirms Iron Component                     | Confirmed                                       | Confirmed                                       |
| Solubility in HCL , Brown to Black,Clear,50mg/ml | pass                                            | pass                                            |
| X-Ray Diffraction                                | Conforms to Structure                           | Conforms to Structure                           |

Quality Assurance : Xiaoyong Tan



Quality Control : Yunfei Zhu