

Certificate of Analysis

Date of Testing: 2023-07-29 14:55:56
Date of Next Testing: 2027-07-28 14:55:56
Product Name: **(1,10-Phenanthroline)tris[4,4,4-trifluoro-1-(2-thienyl)-1,3-butanedionato]europium(III)**
CAS Number: 17904-86-8
Specifications & Purity: 98%
Lot #: G2325209
SKU #: **P121293**
Analysis: **251932**

| Parameter | Limit Values | Result |
|-------------------------------|-----------------------|-----------------------|
| Purity(Chelometric Titration) | 97.5-102.5 (%) | 100.40 % |
| Purity(HPLC) | 98-100 (%) | 99.89000 % |
| Melting point | 245-251 (°C) | 246.15000 °C |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager