

Certificate of Analysis

Date of Testing: 2023-12-08 11:51:20
Date of Next Testing: 2027-12-07 11:51:20
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 #: L2304299
SKU #: **P121293**
Analysis: **299044**

Parameter	Limit Values	Result
Purity(Chelometric Titration)	97.5-102.5 (%)	100.40 %
Purity(HPLC)	98-100 (%)	98.56000 %
Melting point	245-251 (°C)	246.78000 °C
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager