

Certificate of Analysis

Date of Testing: 2022-07-19 09:54:26
Date of Next Testing: 2026-07-18 09:54:26
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 #: G2213403
SKU #: **P121293**
Analysis: **097826**

Parameter	Limit Values	Result
Purity(Chelometric Titration)	97.5-102.5 (%)	100.40 %
Melting point	245-251 (°C)	248.00000 °C
Purity(HPLC)	98-100 (%)	99.86000 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager