

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-29 15:00:28

Date of Next Testing: 2027-07-28 15:00:28

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 #: G2325204

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