

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-21 11:29:21
 Date of Next Testing: 2028-12-20 11:29:21
 Product Name: **1,10-Phenanthroline**
 CAS Number: 66-71-7
 Specifications & Purity: Moligand™, ≥99%
 Lot #: L2419589
 SKU #: **P111141**
 Version: **1**
 Analysis #: **445388**
 Storage Temperature: Protected from light, Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.12100 %
Water by Karl Fischer	0-1 (%)	0.10930 %
Melting point	114-120 (°C)	119.57000 °C
Sulfate Ash	0-0.1 (%)	0.09970 %
Appearance (P111141)	White to Off White and Pink Powder	White to Off White and Pink Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager