

Certificate of Analysis

Date of Testing: 2024-01-29 13:26:50

Date of Next Testing: 2028-01-28 13:26:50

Product Name: **1,10-Phenanthroline**

CAS Number: 66-71-7

Specifications & Purity: Moligand™, ≥99%

Lot #: A2419589

SKU #: **P111141**

Version: **1**

Analysis #: **445388**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.12100 %
Water by Karl Fischer	0-1 (%)	0.11 %
Melting point	114-120 (°C)	119.57000 °C
Sulfate Ash	0-0.1 (%)	0.10 %
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