

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-10 09:18:47

Date of Next Testing: 2029-03-09 09:18:47

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

CAS Number: 66-71-7

Specifications & Purity: Moligand™, ≥99%

Lot #: B2527328

SKU #: **P111141**

Version: **1**

Analysis #: **011065**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.07400 %
Sulfate Ash	0-0.1 (%)	0.02 %
Purity(Titration by HClO ₄)	98.5-101.5 (%)	99.90 %
Water by Karl Fischer	0-1 (%)	0.08 %
Melting point	114-120 (°C)	118.12000 °C
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