

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-07 09:43:52
 Date of Next Testing: 2030-03-06 09:43:52
 Product Name: **1,10-Phenanthroline**
 CAS Number: 66-71-7
 Specifications & Purity: Moligand™, ≥99%
 Lot #: B2627161
 SKU #: **P111141**
 Version: **1**
 Analysis #: **011065**
 Storage Temperature: Protected from light, Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.07400 %
Sulfate Ash	0-0.1 (%)	0.01990 %
Purity(Titration by HClO ₄)	98.5-101.5 (%)	99.90000 %
Water by Karl Fischer	0-1 (%)	0.07990 %
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