

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-11 15:47:56
 Date of Next Testing: 2029-11-10 15:47:56
 Product Name: **1,7-Phenanthroline**
 CAS Number: 230-46-6
 Specifications & Purity: $\geq 99\%$
 Lot #: B2212230
 SKU #: **P119923**
 Version: **1**
 Analysis #: **599656**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.08580 %
Nitrogen by Elemental Analysis	15.3-15.8 (%)	15.54800 %
Carbon by Elemental Analysis	78.8-81.2 (%)	79.14700 %
Melting point	78-82 (°C)	78.89600 °C
Appearance (P119923)	white to light brown powder or crystals	white to light brown powder or crystals
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager