

Certificate of Analysis

Date of Testing: 2025-08-19 16:24:42
Date of Next Testing: 2027-08-09 16:24:42
Product Name: **3-Bromo-1,10-phenanthroline**
CAS Number: 66127-01-3
Specifications & Purity: $\geq 98\%$
Lot #: H2507172
SKU #: **B119918**
Version: **0**
Analysis #: **440346**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.51900 %
Melting point	171-175 (°C)	171.25000 °C
Appearance (B119918)	White to Light yellow to Brown to Dark red powder to crystal	White to Light yellow to Brown to Dark red powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH	almost transparency	almost transparency



John Su
QA & QC Manager