

## Certificate of Analysis

Date of Testing: 2025-03-13 11:51:03  
Date of Next Testing: 2029-03-12 11:51:03  
Product Name: **1,10-Phenanthroline-5,6-Dione**  
CAS Number: 27318-90-7  
Specifications & Purity: Moligand™, ≥97%  
Lot #: F2116218  
SKU #: **P107838**  
Version: **0**  
Analysis #: **479226**

| Parameter            | Limit Values                              | Result                                    |
|----------------------|-------------------------------------------|-------------------------------------------|
| Purity(HPLC)         | 97-100 (%)                                | 97.60000 %                                |
| Appearance (P107838) | Yellow to Orange Solid,Powder or Crystals | Yellow to Orange Solid,Powder or Crystals |
| Proton NMR spectrum  | Conforms to Structure                     | Conforms to Structure                     |



John Su  
QA & QC Manager