

## Certificate of Analysis

Date of Testing: 2025-09-15 10:49:34  
Date of Next Testing: 2029-09-14 10:49:34  
Product Name: **2,2'-Biquinoline**  
CAS Number: 119-91-5  
Specifications & Purity:  $\geq 98\%$   
Lot #: I2509089  
SKU #: **B100498**  
Version: **0**  
Analysis #: **576866**

Parameter	Limit Values	Result
Purity(Titration by HClO <sub>4</sub> )	97.5-102.5 (%)	98.12 %
Purity(HPLC)	98-100 (%)	98.68000 %
Melting point	192-197 (°C)	195.70000 °C
Appearance (B100498)	white to tan powder,crystals and/or chunks	white to tan powder,crystals and/or chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in hot AcOH	Almost transparency	almost transparency



John Su  
QA & QC Manager