

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-09-05 15:24:25  
Date of Next Testing: 2026-09-04 15:24:25  
Product Name: **2,2'-Biquinoline**  
CAS Number: 119-91-5  
Specifications & Purity: 98%  
Lot #: I2201077  
SKU #: **B100498**  
Analysis: **116359**

Parameter	Limit Values	Result
Purity(Titration by HClO4)	97.5-102.5 (%)	99.69%
Purity(HPLC)	98-100 (%)	99.52700%
Melting point	192-197 (°C)	196.93000 °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