

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-06 10:10:33

Date of Next Testing: 2027-01-05 10:10:33

Product Name: **2,2'-Biquinoline**

CAS Number: 119-91-5

Specifications & Purity: 98%

Lot #: C1926060

SKU #: **B100498****Analysis: 175050**

| Parameter | Limit Values | Result |
|---|--|--|
| Purity(Titration by HClO ₄) | 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