

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-10 11:44:37

Date of Next Testing: 2029-10-09 11:44:37

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

CAS Number: 366-18-7

Specifications & Purity: AR, ≥99%

Lot #: I2528005

SKU #: **D108977**

Version: **1**

Analysis #: **521297**

Storage Temperature: Protected from light, Room temperature, Cool

Parameter	Limit Values	Result
Melting point	69-72 (°C)	71.24000 °C
Ignition Residue (as sulfate)	0-0.2 (%)	0.05564 %
Purity(Titration by HClO ₄)	99-101 (%)	99.50000 %
Molar extinction coefficient of iron complex ε	≥9000 (L/cm·mol)	9024.00000 L/cm·mol
Solubility in EtOH , Colorless to Faint Yellow, Clear , c = 100 mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (D108977)	White to yellow crystals, powder or lump, may form reddish brown over time with no loss of purity	White to yellow crystals, powder or lump, may form reddish brown over time with no loss of purity



John Su
QA & QC Manager