

## Certificate of Analysis

Date of Testing: 2023-08-02 10:34:40  
Date of Next Testing: 2027-08-01 10:34:40  
Product Name: **2,2'-Bipyridyl**  
CAS Number: 366-18-7  
Specifications & Purity: Analytical Reagent,99.0%  
Lot #: G2329038  
SKU #: **D108977**  
**Analysis:** **060834**  
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Melting point	69.5-72 (°C)	71.40000 °C
Purity(GC)	99-100 (%)	99.86 %
Ignition Residue (as sulfate)	0-0.1 (%)	0.06 %
Purity(Titration by HClO <sub>4</sub> )	99-101 (%)	99.96 %
Appearance (D108977)	White to Off-White Crystals, Powder or Granular	White to Off-White Crystals, Powder or Granular
Infrared spectrum	Conforms to Structure	Conforms to Structure
Sensitivity to ferrous	pass	Pass
Solubility in EtOH , Colorless to Faint Yellow,Clear , c = 100 mg/ml	pass	Pass



John Su  
QA & QC Manager