

## Certificate of Analysis

Date of Testing: 2022-09-23 18:23:26  
Date of Next Testing: 2026-09-22 18:23:26  
Product Name: **2,2'-Bipyridyl**  
CAS Number: 366-18-7  
Specifications & Purity: Analytical Reagent,99.0%  
Lot #: I2220326  
SKU #: **D108977**  
Version: **0**  
Analysis #: **084589**  
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.95 %
Ignition Residue (as sulfate)	0-0.1 (%)	0.04 %
Purity(Titration by HClO <sub>4</sub> )	99-101 (%)	99.15 %
Melting point	69.5-72 (°C)	71.82000 °C
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