

Certificate of Analysis

Date of Testing: 2024-11-26 16:28:32
Date of Next Testing: 2028-11-25 16:28:32
Product Name: **2,2'-Bipyridyl**
CAS Number: 366-18-7
Specifications & Purity: AR, ≥99%
Lot #: K2425322
SKU #: **D108977**
Version: **1**
Analysis #: **429208**
Storage Temperature: Protected from light

| Parameter | Limit Values | Result |
|---|--|--|
| Ignition Residue (as sulfate) | 0-0.2 (%) | 0.00 % |
| Purity(Titration by HClO ₄) | 99-101 (%) | 100.09 % |
| Molar extinction coefficient of iron complex ϵ | ≥9000 (L/cm·mol) | 9139.20000 L/cm·mol |
| Melting point | 69.5-72 (°C) | 71.94000 °C |
| Appearance (D108977) | White to Off-White Crystals, Powder or Granular | White to Off-White Crystals, Powder or Granular |
| Solubility in EtOH , Colorless to Faint Yellow,Clear , c = 100 mg/ml | pass | Pass |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



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QA & QC Manager