

Certificate of Analysis

Date of Testing: 2023-11-24 11:39:33
 Date of Next Testing: 2027-11-23 11:39:33
 Product Name: **2,2'-Bipyridine-5,5'-dicarboxylic acid**
 CAS Number: 1802-30-8
 Specifications & Purity: 98%
 Lot #: K2321054
 SKU #: **B123373**
 Analysis: **295777**

Parameter	Limit Values	Result
Carbon by Elemental Analysis	57.2-59.4 (%)	58.48 %
Nitrogen by Elemental Analysis	10.7-12 (%)	11.38 %
Purity(HPLC)	98-100 (%)	99.99000 %
Purity(Neutralization titration)	97.5-102.5 (%)	100.85 %
Appearance (B123373)	White to Light Yellow Powder or Crystals	White to Light Yellow Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager