

Certificate of Analysis

Date of Testing: 2024-12-30 18:41:21

Date of Next Testing: 2028-12-29 18:41:21

Product Name: **2,2'-Bipyridine-5,5'-dicarboxylic acid**

CAS Number: 1802-30-8

Specifications & Purity: $\geq 98\%$

Lot #: L2423134

SKU #: **B123373**

Version **0**

Analysis #: **450710**

Parameter	Limit Values	Result
Carbon by Elemental Analysis	57.2-59.4 (%)	58.64 %
Nitrogen by Elemental Analysis	10.7-12 (%)	11.42 %
Purity(HPLC)	98-100 (%)	99.99000 %
Purity(Neutralization titration)	97.5-102.5 (%)	100.83 %
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