

Certificate of Analysis

Date of Testing: 2023-05-08 14:05:38

Date of Next Testing: 2027-05-07 14:05:38

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

CAS Number: 1802-30-8

Specifications & Purity: 98%

Lot #: D2325933

SKU # **B123373**

Analysis: 212873

Parameter	Limit Values	Result
Carbon by Elemental Analysis	57.2-59.4 (%)	57.91%
Nitrogen by Elemental Analysis	10.7-12 (%)	11.73%
Purity(HPLC)	98-100 (%)	98.57000%
Purity(Neutralization titration)	97.5-102.5 (%)	100.86%
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