

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-08 13:13:45

Date of Next Testing: 2027-03-07 13:13:45

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

CAS Number: 1802-30-8

Specifications & Purity: 98%

Lot #: B2328777

SKU #: **B123373**

Analysis: **190123**

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	10.7-12 (%)	11.71 %
Purity(HPLC)	98-100 (%)	98.29000 %
Purity(Neutralization titration)	97.5-102.5 (%)	100.86 %
Carbon by Elemental Analysis	57.2-59.4 (%)	57.23 %
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