

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-19 16:51:11

Date of Next Testing: 2027-06-18 16:51:11

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

CAS Number: 1802-30-8

Specifications & Purity: 98%

Lot #: F2313845

SKU #: **B123373**

Analysis: **235933**

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 (%)	99.90000 %
Purity(Neutralization titration)	97.5-102.5 (%)	99.88 %
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

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager