

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-10 14:31:40  
Date of Next Testing: 2027-06-09 14:31:40  
Product Name: **2-Chloro-4,4'-bipyridine**  
CAS Number: 53344-73-3  
Specifications & Purity: 95%  
Lot #: F2302624  
SKU #: **C193790**  
Analysis: **226122**

Parameter	Limit Values	Result
Purity(GC)	95-100 (%)	96.44 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su  
QA & QC Manager