

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-04 14:04:57

Date of Next Testing: 2027-02-03 14:04:57

Product Name: **2,2'-Bipiperidine**

CAS Number: 531-67-9

Specifications &amp; Purity: 98%

Lot #: A2330794

SKU #: **B151812****Analysis: 150793**

Storage Temperature: Argon charged

| Parameter           | Limit Values                                    | Result                                          |
|---------------------|-------------------------------------------------|-------------------------------------------------|
| Purity(GC)          | 98-100 (%)                                      | 98.01 %                                         |
| Appearance(B151812) | White to Almost white Solid or colorless liquid | White to Almost white Solid or colorless liquid |
| NMR Spectrum 1H     | Conforms to Structure                           | Conforms to Structure                           |

A handwritten signature in black ink that reads "John Su".John Su  
QA & QC Manager