

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-03-01 15:11:01
Date of Next Testing:	2028-02-29 15:11:01
Product Name:	4,4'-Bipiperidine
CAS Number:	15336-72-8
Specifications & Purity:	≥98%
Lot #:	B2423786
SKU #	B152066
Version	3
Analysis #:	314481
Storage Temperature:	Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.18100 %
Appearance (B152066)	white to orange to green solid	white to orange to green solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
GC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager