

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-30 14:54:57

Date of Next Testing: 2026-06-29 14:54:57

Product Name: **R-(+)-Nicotine**

CAS Number: 25162-00-9

Specifications & Purity: $\geq 98\%$

Lot #: F23271027

SKU #: **R333277**Version: **2**Analysis #: **234044**Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.82900 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	125-135 ($^{\circ}$)	126.12200 $^{\circ}$
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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