

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-04-02 17:34:52

Date of Next Testing: 2030-04-01 17:34:52

Product Name: **Nicotine Bi-L-(+)-tartrate Dihydrate**

CAS Number: 6019-06-3

Specifications & Purity: $\geq 98\%$ (HPLC)

Lot #: C2625628

SKU #: **N159378**

Version: **0**

Analysis #: **660324**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.42100 %
Water by Karl Fischer	6.7-8 (%)	6.80240 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$	23-27 (°)	23.78800 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager