

Certificate of Analysis

Date of Testing: 2023-02-23 19:38:35
Date of Next Testing: 2027-02-22 19:38:35
Product Name: **Nicotine Bi-L-(+)-tartrate Dihydrate**
CAS Number: 6019-06-3
Specifications & Purity: >98.0%(HPLC)
Lot #: B2318270
SKU #: **N159378**
Analysis: **177206**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.70000 %
Water by Karl Fischer	6.7-8 (%)	7.60 %
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)	23-27 (°)	25.40 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager