

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-21 09:19:35  
Date of Next Testing: 2026-03-20 09:19:35  
Product Name: **S-(-)-Cotinine**  
CAS Number: 486-56-6  
Specifications & Purity: 98%  
Lot #: C2310005  
SKU #: **S303802**  
**Analysis: 192340**  
Storage Temperature: Protected from light, Store at -20°C

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.17%
Specific Rotation [a] <sub>20</sub> /D(c=1 in EtOH)	-22~-18 (°)	-21.90°
Appearance(S303802)	White to cream to yellow to pale brown Fused solid : Clear liquid as melt	White to cream to yellow to pale brown Fused solid : Clear liquid as melt
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager