

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

| | |
|--------------------------|--------------------------------------|
| Date of Testing: | 2026-05-05 10:29:18 |
| Date of Next Testing: | 2029-05-04 10:29:18 |
| Product Name: | S-(-)-Cotinine |
| CAS Number: | 486-56-6 |
| Specifications & Purity: | Moligand™, ≥98% |
| Lot #: | D2622447 |
| SKU # | S303802 |
| Version | 1 |
| Analysis #: | 682263 |
| Storage Temperature: | Protected from light, Store at -20°C |

| Parameter | Limit Values | Result |
|--|---|---|
| Purity(GC) | 98-100 (%) | 99.77300% |
| Specific Rotation [α] ₂₀ /D(c=1 in EtOH) | -22--18 (°) | -21.83500° |
| 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