

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-02-28 15:04:08
Date of Next Testing: 2029-02-27 15:04:08
Product Name: **(S)-(-)-Trifluorolactic acid**
CAS Number: 125995-00-8
Specifications & Purity: $\geq 97\%$
Lot #: D2321828
SKU #: **I166760**
Version: **0**
Analysis #: **657481**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity (Titration by NaOH)	96.5-103.5 (%)	102.80000 %
Specific Rotation $[\alpha]_{25/D}(c=1.12g/100ml \text{ in alcohol})$	-23.7--19.5 (°)	-19.70000 °
Appearance (I166760)	White to Off-white Soild	White to Off-white Soild
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager