

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-06 14:25:16
 Date of Next Testing: 2026-05-05 14:25:16
 Product Name: **(S)-(-)-Trifluorolactic acid**
 CAS Number: 125995-00-8
 Specifications & Purity: $\geq 97\%$
 Lot #: D23211110
 SKU #: **I166760**
 Version: **0**
 Analysis #: **201099**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{25/D}(c=1.12g/100ml \text{ in alcohol})$	-23.7--19.5 (°)	-19.71000 °
Purity (Titration by NaOH)	96.5-103.5 (%)	102.86000 %
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