

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-14 14:20:36
 Date of Next Testing: 2028-09-13 14:20:36
 Product Name: **Nε-Trifluoroacetyl-L-lysine**
 CAS Number: 10009-20-8
 Specifications & Purity: ≥97%
 Lot #: L1213023
 SKU #: **T117000**
 Version: **0**
 Analysis #: **411660**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	99.01000 %
Specific Rotation [α] _{20/D(c=1 in 1mol/L HCl)}	17-20 (°)	18.00000 °
Water by Karl Fischer	0-6 (%)	2.00000 %
Appearance (T117000)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 2M HCl	colorless Clear (< 3.5 NTU), 10 mg/ml	colorless Clear (< 3.5 NTU), 10 mg/ml



John Su
QA & QC Manager