

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-06 19:43:00

Date of Next Testing: 2027-03-05 19:43:00

Product Name: **Ala-Ala-Ala.TFA**

CAS Number: 5874-90-8

Specifications & Purity: $\geq 98\%$

Lot #: C2301470

SKU #: **A121365**Version: **0**Analysis #: **194886**Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in } 0.5\text{N HCl})$	$-87--77^{\circ}$	-83.00000°
Purity(HPLC)	98-100 (%)	99.39000 %
Water by Karl Fischer	0-4.5 (%)	3.00000 %
Appearance (A121365)	White powder	White powder
Mass spectrum	Conforms to standard	Conforms to standard
Solubility in H ₂ O , Clear Colorless,50mg/ml, H ₂ O	pass	Pass

John Su
QA & QC Manager