

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-23 11:13:24
 Date of Next Testing: 2029-03-22 11:13:24
 Product Name: **D-3-(Pentafluorophenyl)alanine**
 CAS Number: 40332-58-9
 Specifications & Purity: $\geq 98\%$
 Lot #: E23301367
 SKU #: **R193253**
 Version: **1**
 Analysis #: **673270**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	98.01000 %
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in H}_2\text{O})}$	-31~-25 (°)	-25.64000 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
FNMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager