

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-17 10:54:16

Date of Next Testing: 2027-07-17 10:54:16

Product Name: **DL-3-Aminoisobutyric acid**

CAS Number: 144-90-1

Specifications & Purity: $\geq 98\%$

Lot #: I2320166

SKU #: **D131745**

Version: **2**

Analysis #: **541597**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.23300 %
Water by Karl Fischer	0-2 (%)	0.89750 %
Specific rotation $[\alpha]_{20/D(C=1,H_2O)}$	-2-2 (°)	-1.01800 °
Appearance (D131745)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Faint Yellow , Clear to pass		Pass
Very Slightly		



John Su
QA & QC Manager