

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-12 13:53:54

Date of Next Testing: 2029-12-11 13:53:54

Product Name: **D- α -Hydroxyisovaleric acid**

CAS Number: 17407-56-6

Specifications & Purity: $\geq 98\%$ (T)

Lot #: B2221192

SKU #: **S167911**

Version: **0**

Analysis #: **619551**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity (Titration by NaOH)	97.5-102.5 (%)	99.00%
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in CHCL}_3)$	-19--12 (°)	-18.03°
Appearance (S167911)	White to Off-White Powder or Crytals	White to Off-White Powder or Crytals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager