



CERTIFICATE OF ANALYSIS

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1. Identification

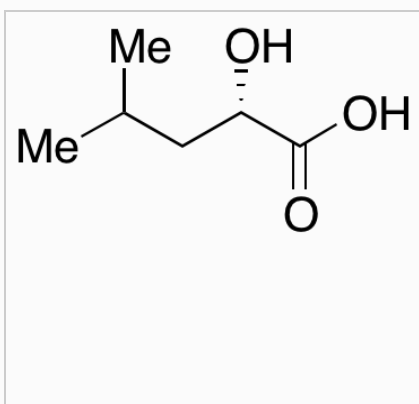
Catalogue Number: L330085

CAS Number: 13748-90-8

Product: L-Leucic Acid

Synonym: (+)-2-Hydroxyisocaproic acid; (+)- α -Hydroxyisocaproic acid; (2S)-2-Hydroxy-4-methylpentanoic acid; (S)-2-Hydroxyisocaproic acid; (S)-Leucic acid; L-2-Hydroxy-4-methylvaleric acid; L-2-Hydroxyisocaproic acid; L- α -Hydroxyisocaproic acid; S-2-Hydroxy-4-methylpentanoic acid

Structure:



Molecular Formula:

$C_6H_{12}O_3$

Molecular weight:

132.16

Source of Product:

N/A

Solubility:

Aqueous Base (Slightly),
DMSO (Slightly), Methanol
(Slightly), Water (Slightly)

Lot Number: 1-JSH-80-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be
Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	Off-White Solid
NMR	Conforms to Structure	Conforms
GC	Report Result	98.09%
MS	Conforms to Structure	Conforms

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Nicole Yip	Toni Rantanen	Christina Gouliaras	7/23/2021	7/21/2025