



CERTIFICATE OF ANALYSIS

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1. Identification

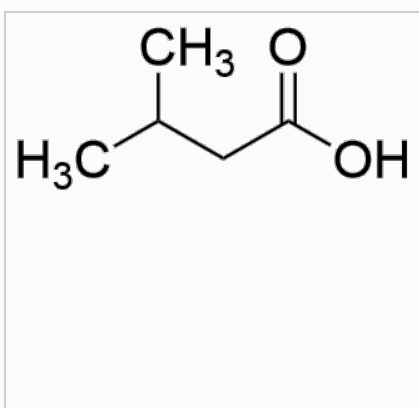
Catalogue Number: I917570

CAS Number: 503-74-2

Product: Isovaleric Acid

Synonym: 3-Methyl-butanoic Acid; 3-Methyl-1-butanoic acid; 3-Methyl-n-butyric Acid; 3-Methylbutanoic Acid; 3-Methylbutyrate; 3-Methylbutyric Acid; Isopropyl-acetic Acid;; Delphinic Acid; Isopentanoic Acid; Isopropylacetic Acid; Isovalerianic Acid; NSC 62783; β -Methylbutyric Acid

Structure:



Molecular Formula:

C₅H₁₀O₂

Molecular weight:

102.13

Source of Product:

N/A

Solubility:

Acetone (Slightly), Chloroform (Soluble), Ethyl Acetate (Slightly)

Lot Number: 10222660

Purity: 98%

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

Storage Condition: 20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Colourless Oil	Colourless Oil
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 58.12, %H: 9.70
GC	Report Result	97.28%
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
Evan Burns	Toni Rantanen	Chanell Chu	9/21/2022	9/19/2026
				