



CERTIFICATE OF ANALYSIS

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1. Identification

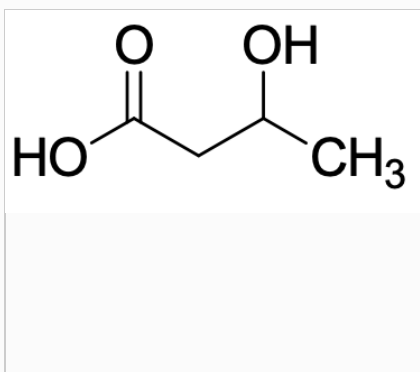
Catalogue Number: H324260

CAS Number: 300-85-6

Product: (±)-3-Hydroxybutyric Acid
(Technical Grade)

Synonym: 3-Hydroxybutanoic acid; (±)-3-Hydroxy-n-butyric acid; (±)-3-Hydroxybutanoic acid; (±)-β-Hydroxybutyric acid; 3-Hydroxybutyric acid; DL-3-Hydroxybutyric acid; DL-β-Hydroxybutyric acid; NSC 3806; β-Hydroxy-n-butyric acid; β-Hydroxybutanoic acid; β-Hydroxybutyric acid

Structure:



Molecular Formula:

C₄H₈O₃

Molecular weight:

104.1

Source of Product:

N/A

Solubility:

Chloroform (Sparingly),
Methanol (Slightly)

Lot Number: 711780002-4-2

Purity: Technical Grade

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	Colourless Oil	Clear Colourless Oil
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
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 ± 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	6/9/2023	6/7/2027