



CERTIFICATE OF ANALYSIS

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1. Identification

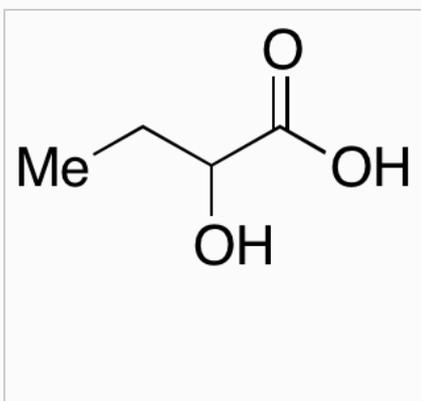
Catalogue Number: H831185

CAS Number: 600-15-7

Product: 2-Hydroxybutanoic Acid

Synonym: (±)-2-Hydroxybutanoic Acid; DL-2-Hydroxybutyric Acid; (RS)-2-Hydroxybutyric Acid; (±)-2-Hydroxy-n-butyric Acid; (±)-2-Hydroxybutanoic Acid; (±)-2-Hydroxybutyric Acid; (±)-α-Hydroxybutyric Acid; 2-Hydroxybutanoic Acid; 2-Hydroxybutyric Acid; DL-2-Hydroxybutanoic Acid; DL-2-Hydroxybutyric Acid; DL-α-Hydroxybutyric Acid; NSC 6495; α-Hydroxy-n-butyric Acid; α-Hydroxybutanoic Acid; α-Hydroxybutyric Acid

Structure:



Molecular Formula:

C₄H₈O₃

Molecular weight:

104.1

Source of Product:

Synthetic

Solubility:

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

Lot Number: 5-LIJ-117-2

Purity: 97%

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 Pale Beige Low-Melting Solid	Off-White to Pale Beige Low-Melting Solid
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

Evan Burns

Evan Burns

Reviewed By

Toni Rantanen



**C of A Approved
By**

Chanell Chu



Test Date

2/28/2022

Retest Date

2/26/2026