

Certificate of Analysis

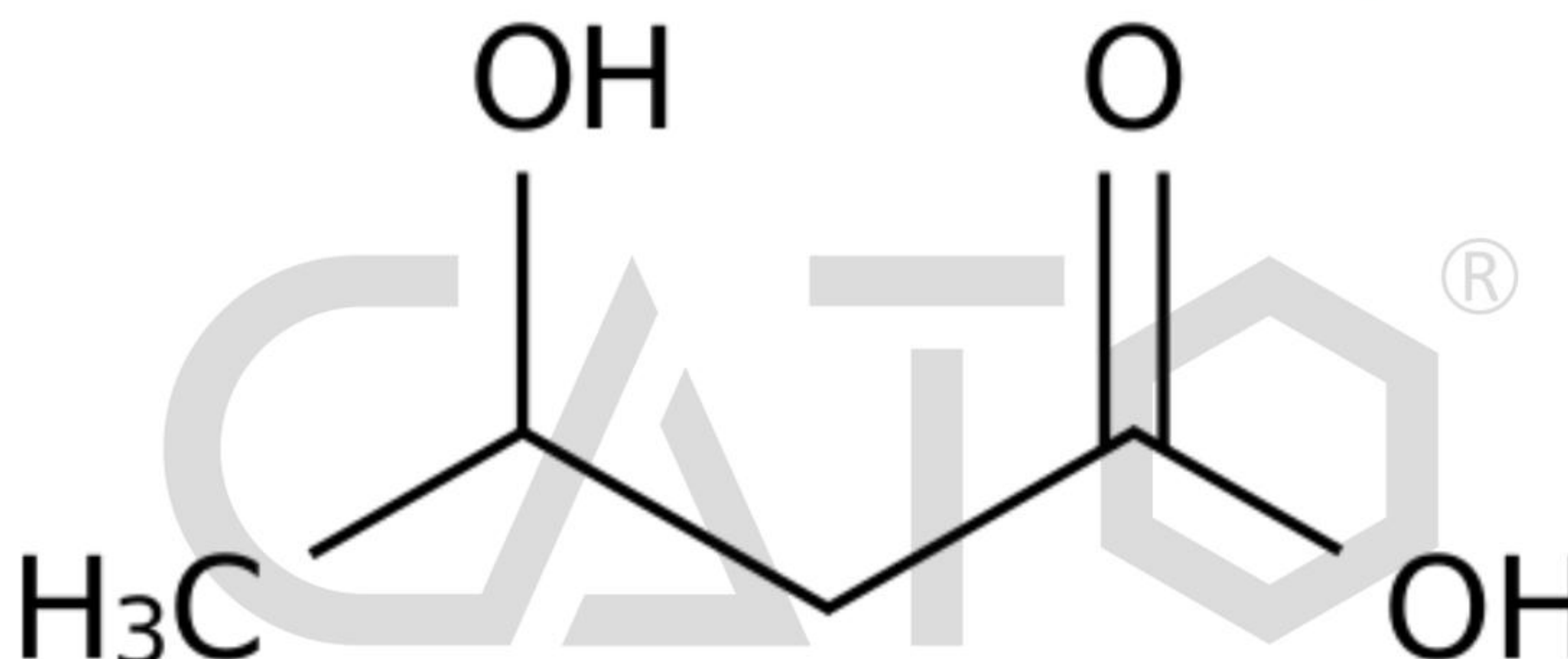
Reference Material & Standard

Product Name:	3-Hydroxybutyric Acid	Catalogue Number:	CCHM702444
Synonyms:	N/A	Lot Number:	1127-RG-0056
CAS Number:	300-85-6	Expiry Date:	Nov 25, 2029
Molecular Formula:	C ₄ H ₈ O ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	104.10	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	GCMS&HNMR	Confirmed
Purity	ELSD	95.0%
Assay	qNMR	94.7%
Uncertainty		±1.1%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Nice

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Nov 26, 2025

Date: Nov 27, 2025

Date: Nov 27, 2025



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