

Certificate of Analysis

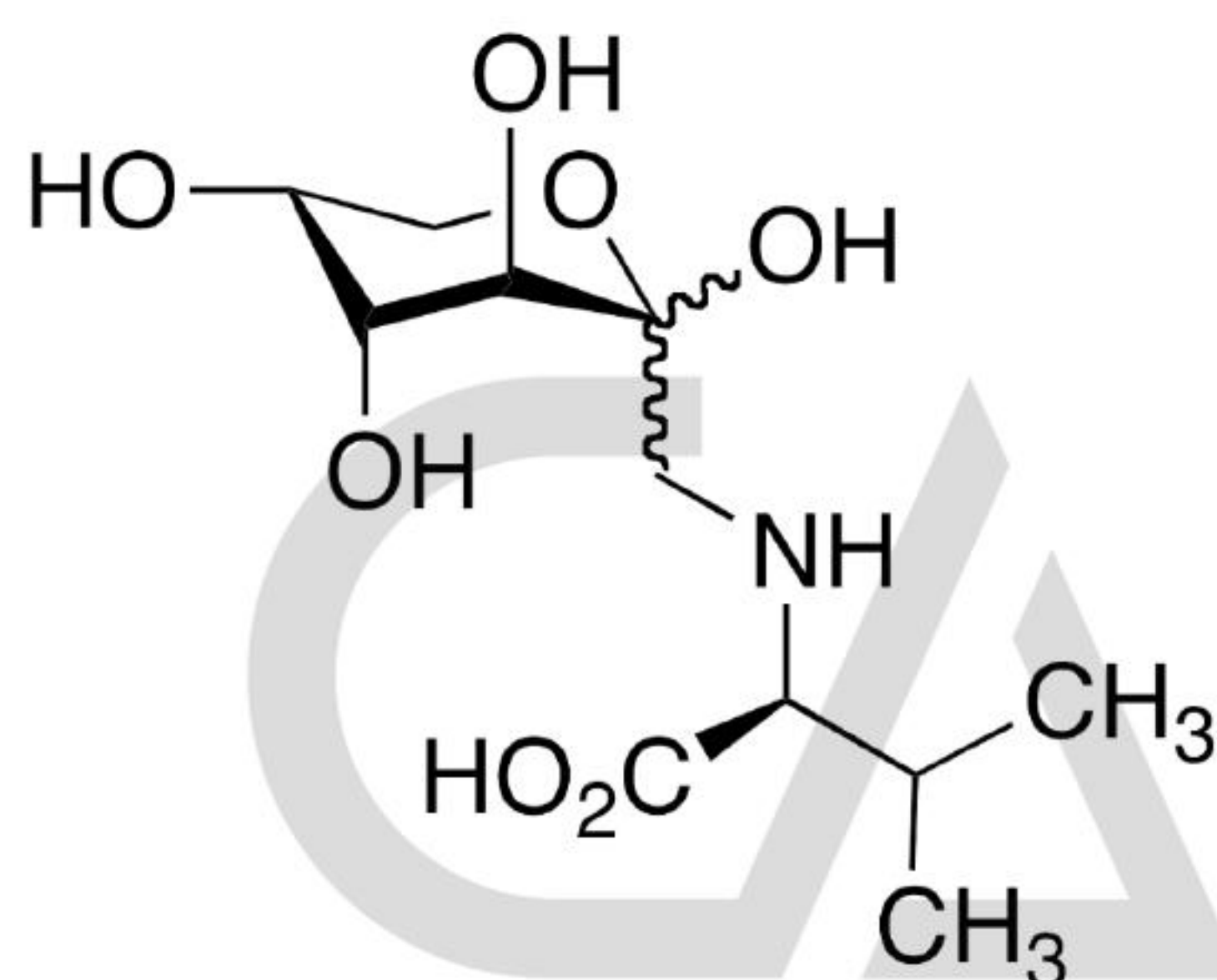
Reference Material & Standard

Product Name:	Fructose Valine (mixture of diastereomers)	Catalogue Number:	CCFD202099
Synonyms:	N/A	Lot Number:	1203-RG-0072
CAS Number:	10003-64-2	Expiry Date:	Oct 28, 2028
Molecular Formula:	C ₁₁ H ₂₁ NO ₇	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	279.29	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Beige to Beige Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	99.1%
Uncertainty		±0.2%

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:

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Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Dec 04, 2025

Date: Dec 05, 2025

Date: Dec 05, 2025



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