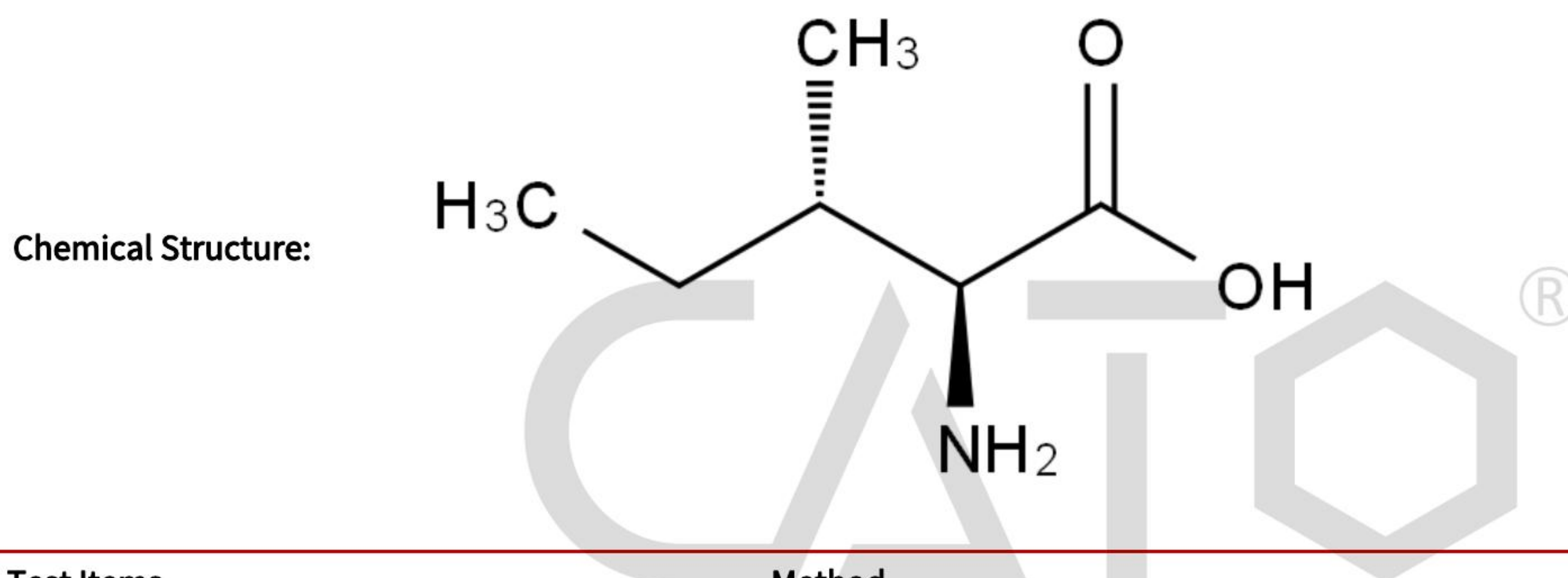


Certificate of Analysis

Reference Material & Standard

Product Name:	L-Isoleucine	Catalogue Number:	CCFD200556
Synonyms:	N/A	Lot Number:	0718-RD-0005
CAS Number:	73-32-5	Expiry Date:	May 21, 2029
Molecular Formula:	C ₆ H ₁₃ NO ₂	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	131.17		



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	95.1%
Assay	qNMR	94.8%
Uncertainty		±1.0%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
2. 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:

Koi

Approved by General Manager:

David

Date: May 22, 2025

Date: May 22, 2025

Date: May 22, 2025

