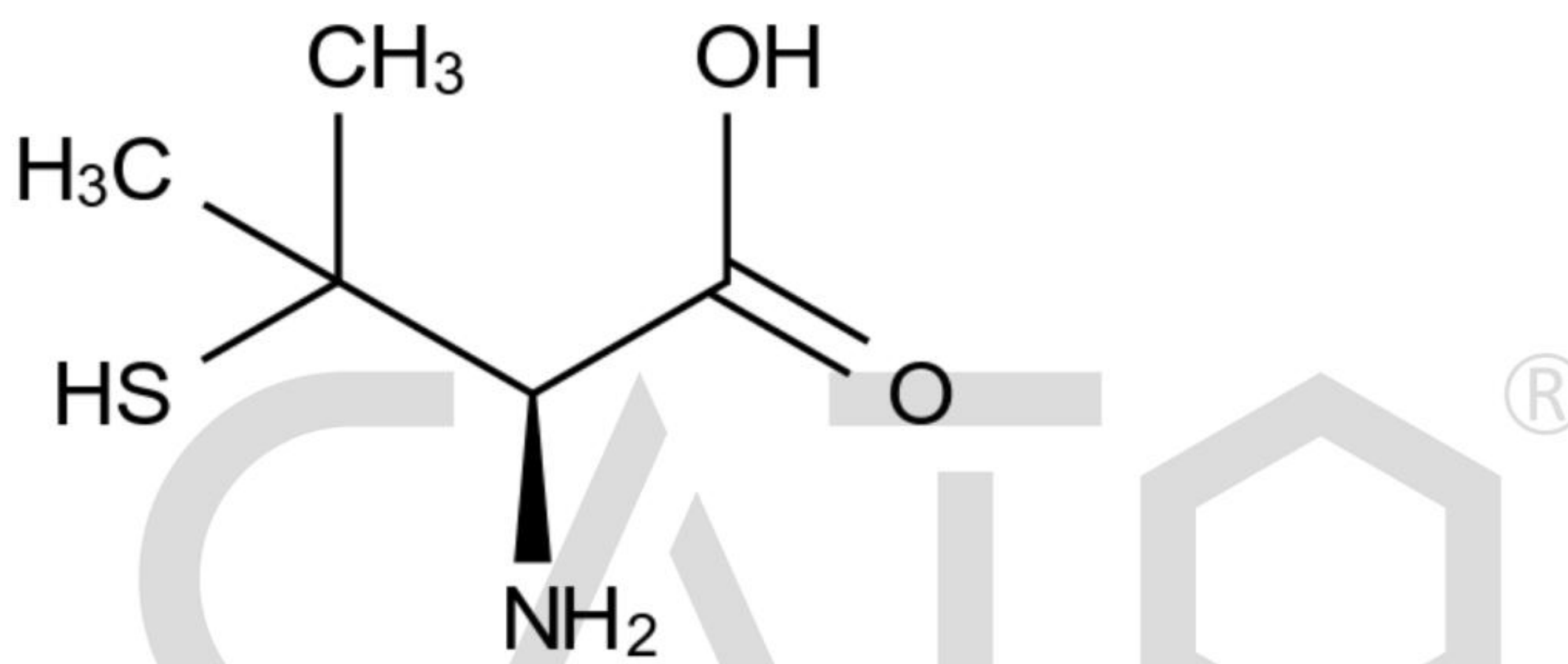


Certificate of Analysis

Reference Material & Standard

Product Name:	L-Penicillamine	Catalogue Number:	C1063225
Synonyms:	N/A	Lot Number:	0310-RG-0098
CAS Number:	1113-41-3	Expiry Date:	Mar 12, 2028
Molecular Formula:	C ₅ H ₁₁ NO ₂ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	149.21	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.508%
Residue on Ignition	TGA	0.5727%
Loss On Drying	TGA	0.1601%
Assay		97.8%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Mar 13, 2025

Date: Mar 13, 2025

Date: Mar 13, 2025

