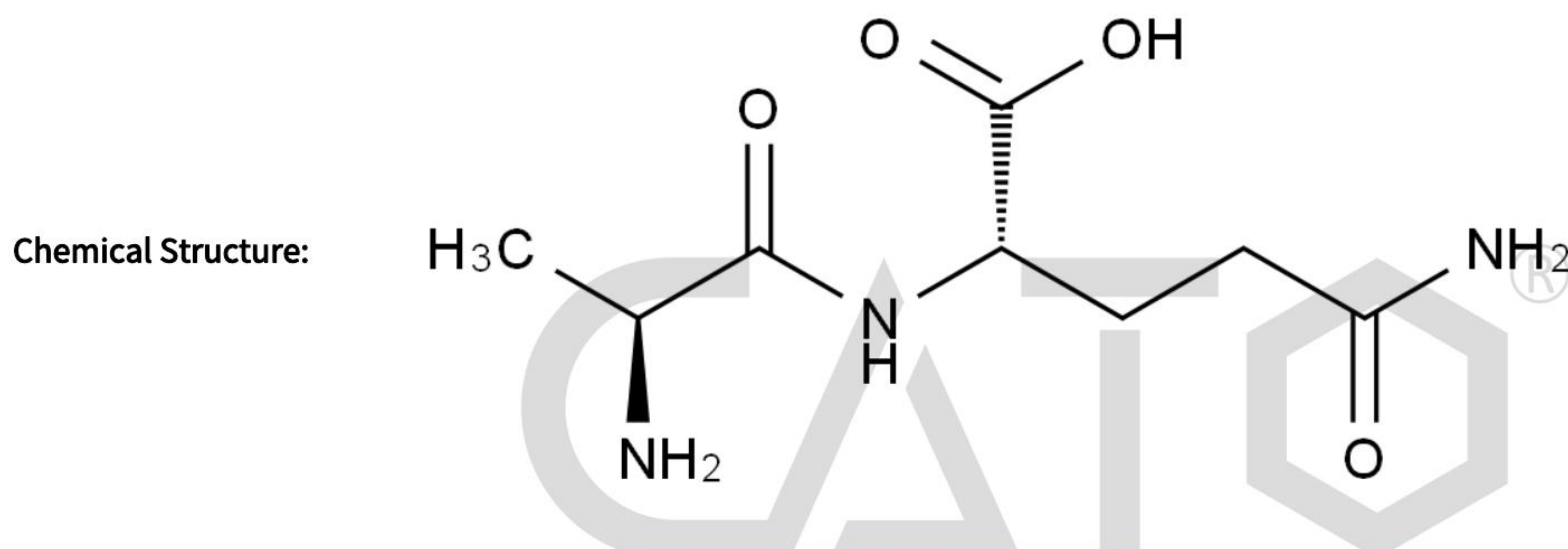


Certificate of Analysis

Reference Material & Standard

Product Name:	L-Alanyl-L-glutamine	Catalogue Number:	C3D-1837
Synonyms:	N/A	Lot Number:	0224-RB-0011
CAS Number:	39537-23-0	Expiry Date:	Sep 21, 2029
Molecular Formula:	C ₈ H ₁₅ N ₃ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	217.22		



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	99.0788%
Loss On Drying	TGA	0.0691%
Assay		99.0%

Comment:

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

Assay (%) = (100% - Loss On Drying) * Purity ELSD (%) / 100%

Loss On Drying is considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Sep 22, 2025

Date: Sep 22, 2025

Date: Sep 22, 2025



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