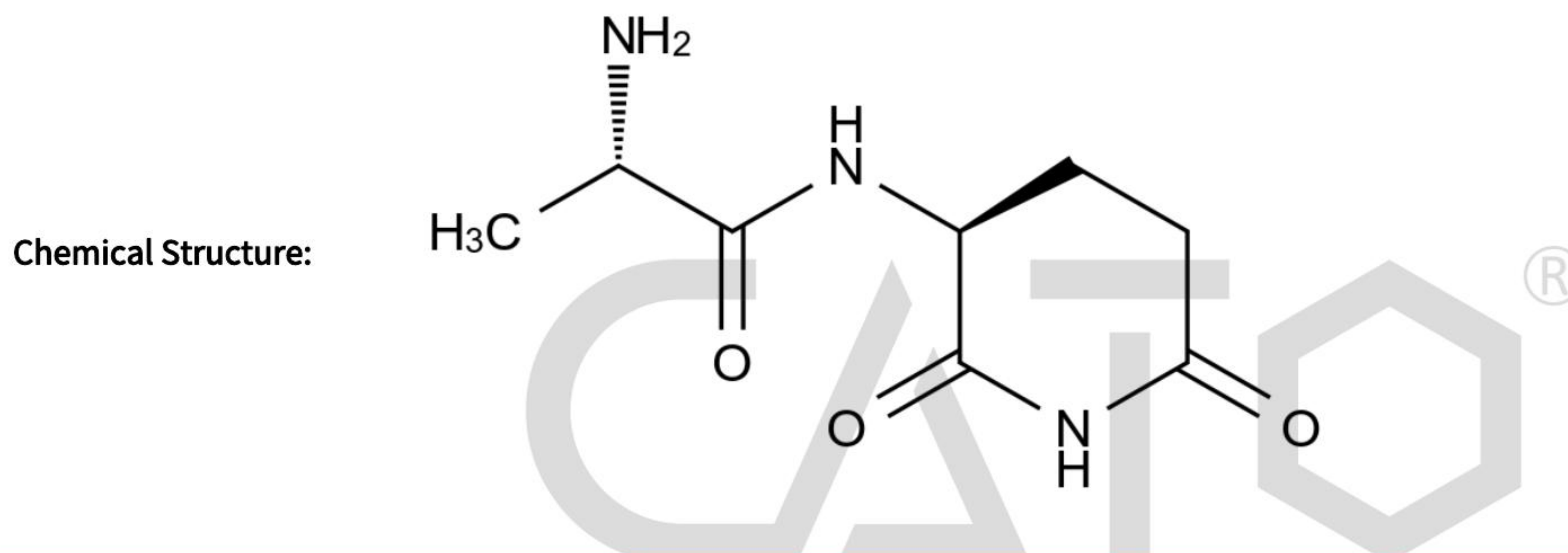


Certificate of Analysis

Reference Material & Standard

Product Name:	Alanyl Glutamine Impurity 48	Catalogue Number:	C4X-197448
Synonyms:	N/A	Lot Number:	0526-RH-0111
CAS Number:	2703745-19-9	Expiry Date:	Jun 07, 2030
Molecular Formula:	C ₈ H ₁₃ N ₃ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	199.21	Shipping Condition:	Shipping at Room Temperature



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	100.000%
Loss on Drying	TGA	0.2684%
Assay		99.7%

Comment:

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

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

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Jun 09, 2026

Date: Jun 09, 2026

Date: Jun 09, 2026



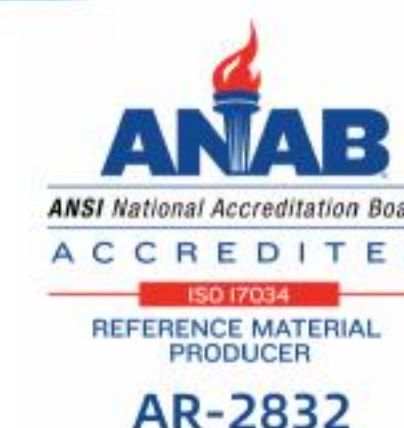
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