

Certificate of Analysis

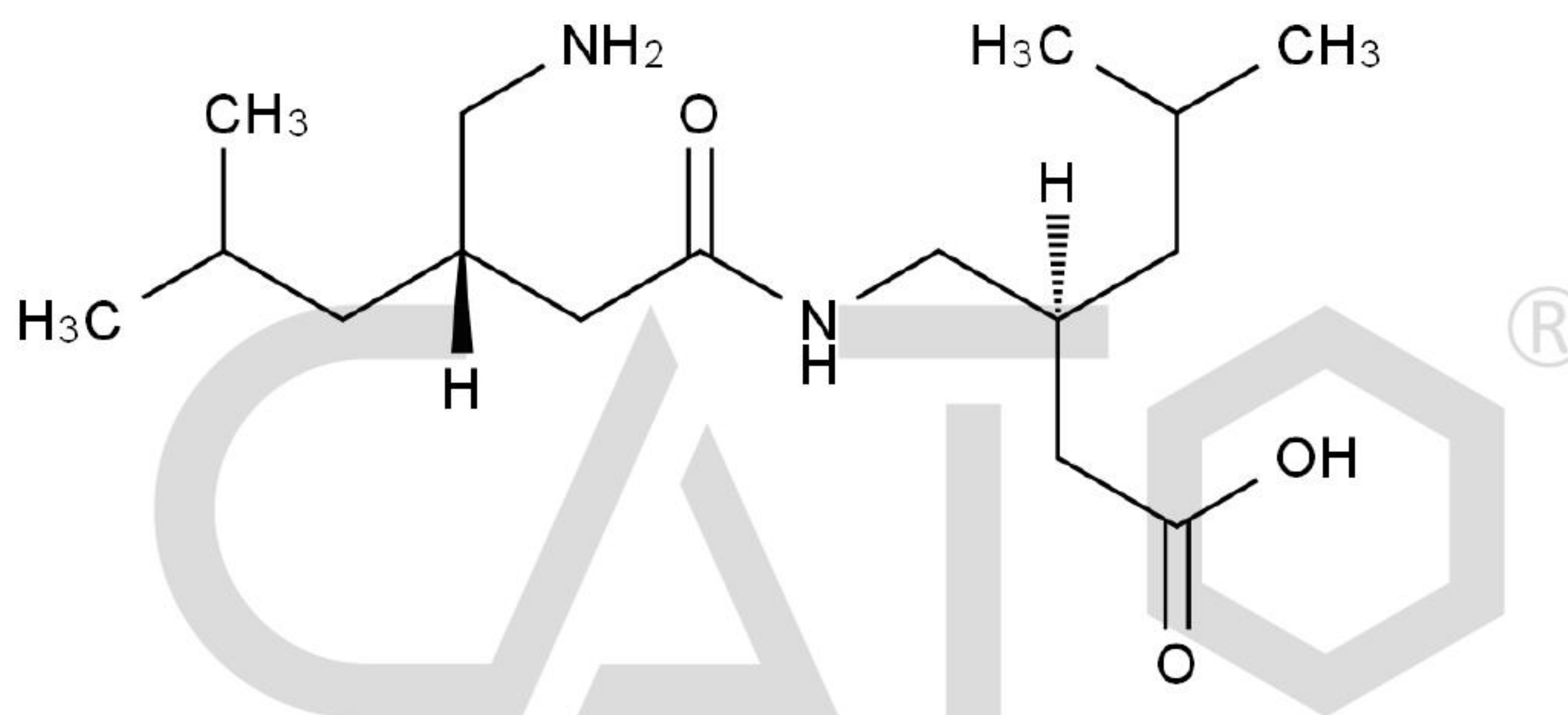
Reference Material & Standard

Product Name:	Pregabalin Impurity 15	Catalogue Number:	C4X-131215
Synonyms:	N/A	Lot Number:	1125-RG-0049
CAS Number:	1083246-65-4	Expiry Date:	Nov 24, 2029
Molecular Formula:	C ₁₆ H ₃₂ N ₂ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	300.44	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	98.865%
Residue on Ignition	TGA	0.0664%
Loss On Drying	TGA	0.3660%
Assay		98.4%

Comment:

The calculation of the mass balance 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: Dec 11, 2025

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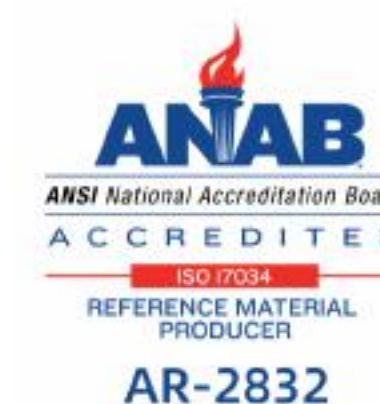
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