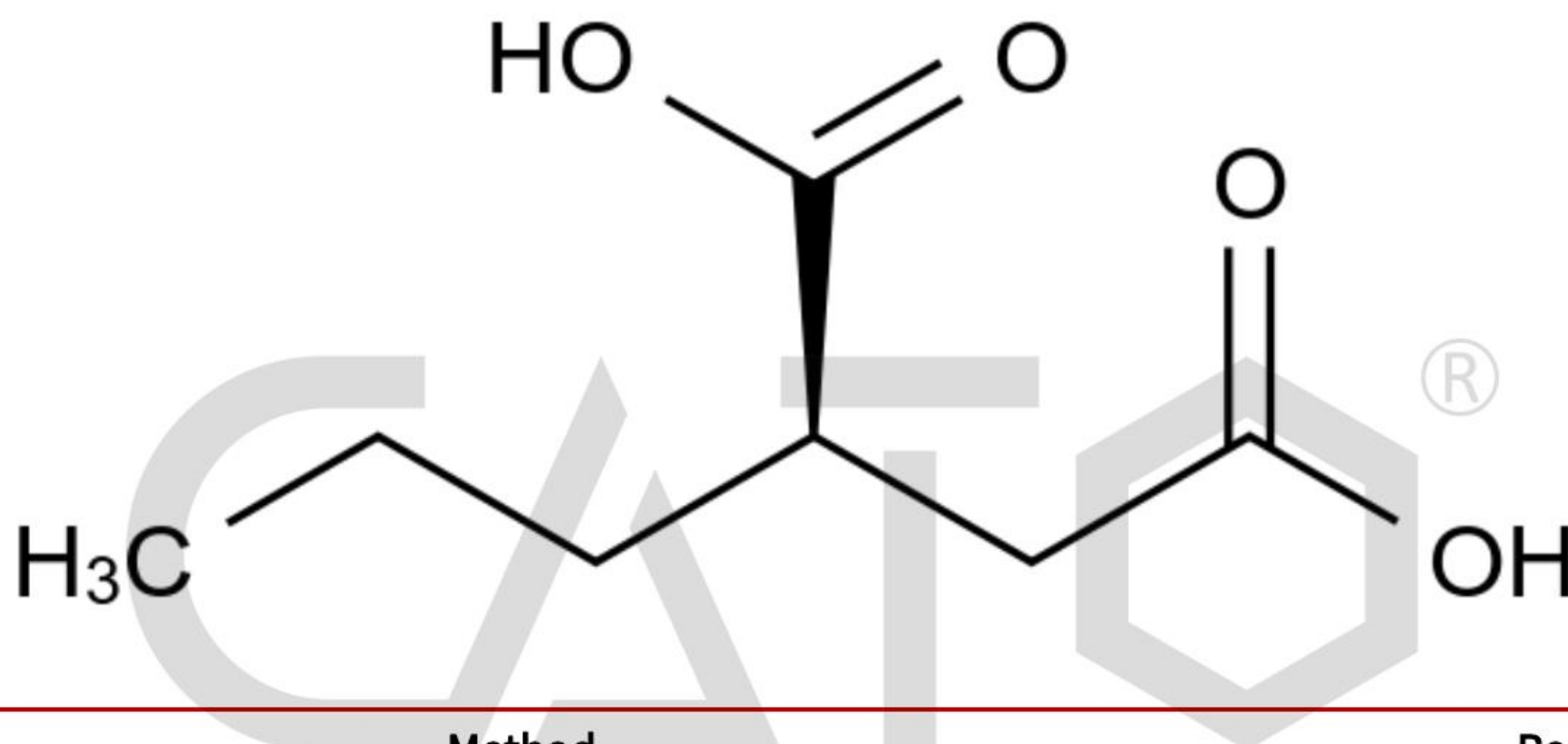


Certificate of Analysis

Reference Material & Standard

Product Name:	Brivaracetam Impurity 122	Catalogue Number:	C4X-2007122
Synonyms:	N/A	Lot Number:	0627-RG-0055
CAS Number:	3975-88-0	Expiry Date:	Jun 23, 2028
Molecular Formula:	C ₇ H ₁₂ O ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	160.17		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	99.7458%
Loss On Drying	TGA	1.579%
Optical Rotation		[α] _D ^{25.0} (c=1.01, EtOH): +20.40°
Assay		98.2%

Comment:

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

$$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity ELSD (\%)} / 100\%$$
 Loss On Drying is considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Jun 30, 2025

Date: Jun 30, 2025

Date: Jun 30, 2025

