

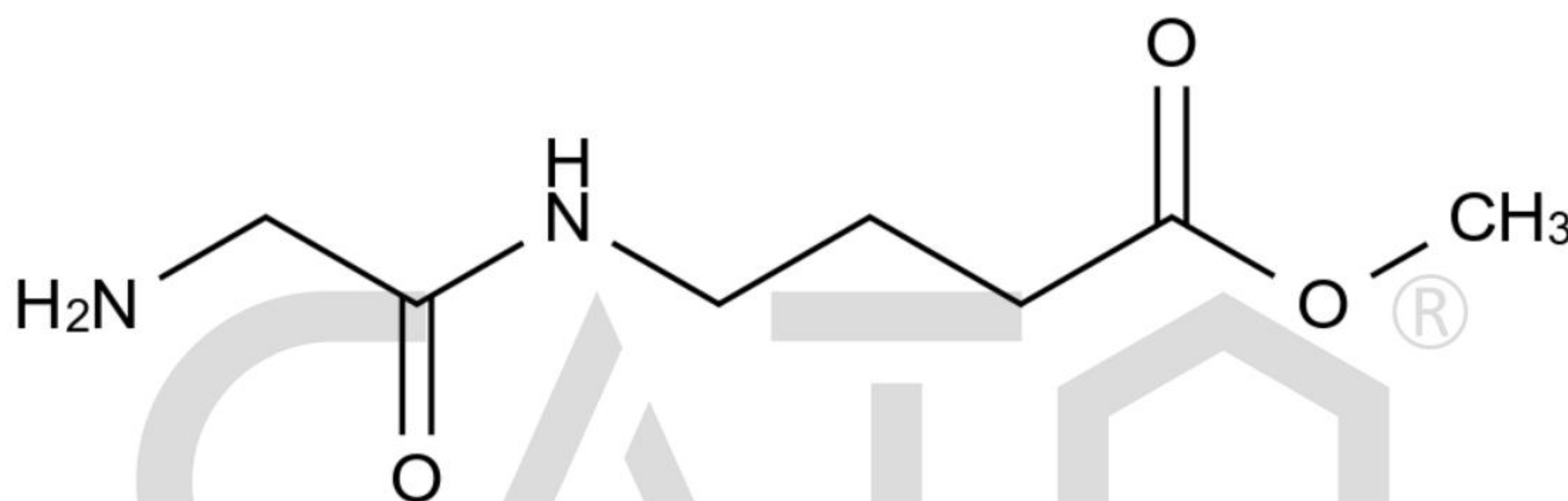
Certificate of Analysis

Reference Material & Standard

Product Name:	Piracetam impurity 32 HCl	Catalogue Number:	C4X-123532
Synonyms:	N/A	Lot Number:	0813-RF-0016
CAS Number:	N/A	Expiry Date:	Aug 15, 2027
Molecular Formula:	C7H14N2O3 HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	174.20 36.46		

HCl

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Light Yellow Sticky Liquid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	94.1%
Assay	qNMR	85.4%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Aug 16, 2024

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