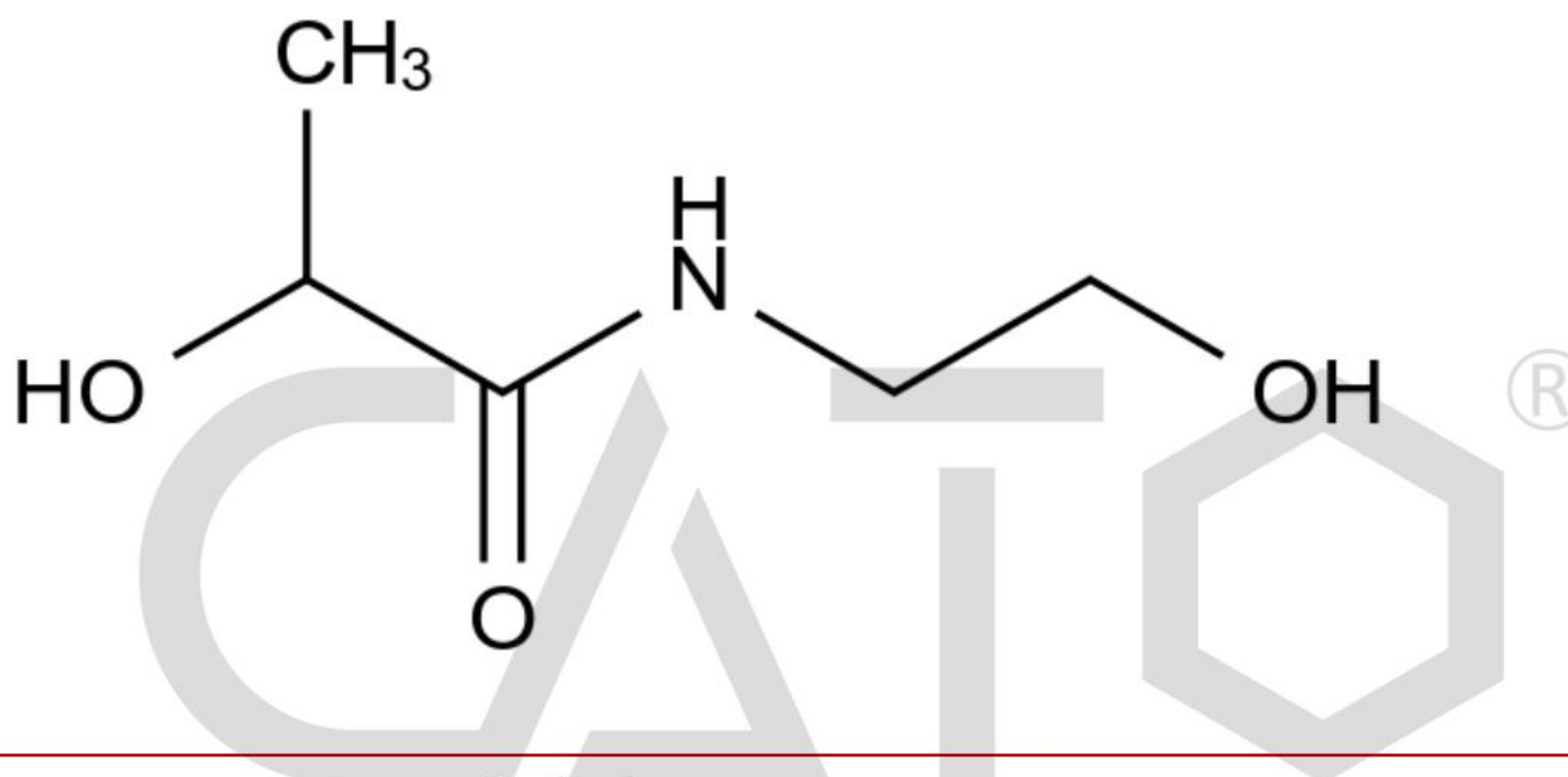


Certificate of Analysis

Reference Material & Standard

Product Name:	N-(2-Hydroxyethyl)lactamide	Catalogue Number:	C1921251
Synonyms:	N/A	Lot Number:	0903-RF-0081
CAS Number:	5422-34-4	Expiry Date:	Sep 03, 2028
Molecular Formula:	C ₅ H ₁₁ NO ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	133.15	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Sticky Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	99.6%
Assay	qNMR	95.9%
Uncertainty		±2.0%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Sep 04, 2024

Date: Sep 05, 2024

Date: Sep 05, 2024

