

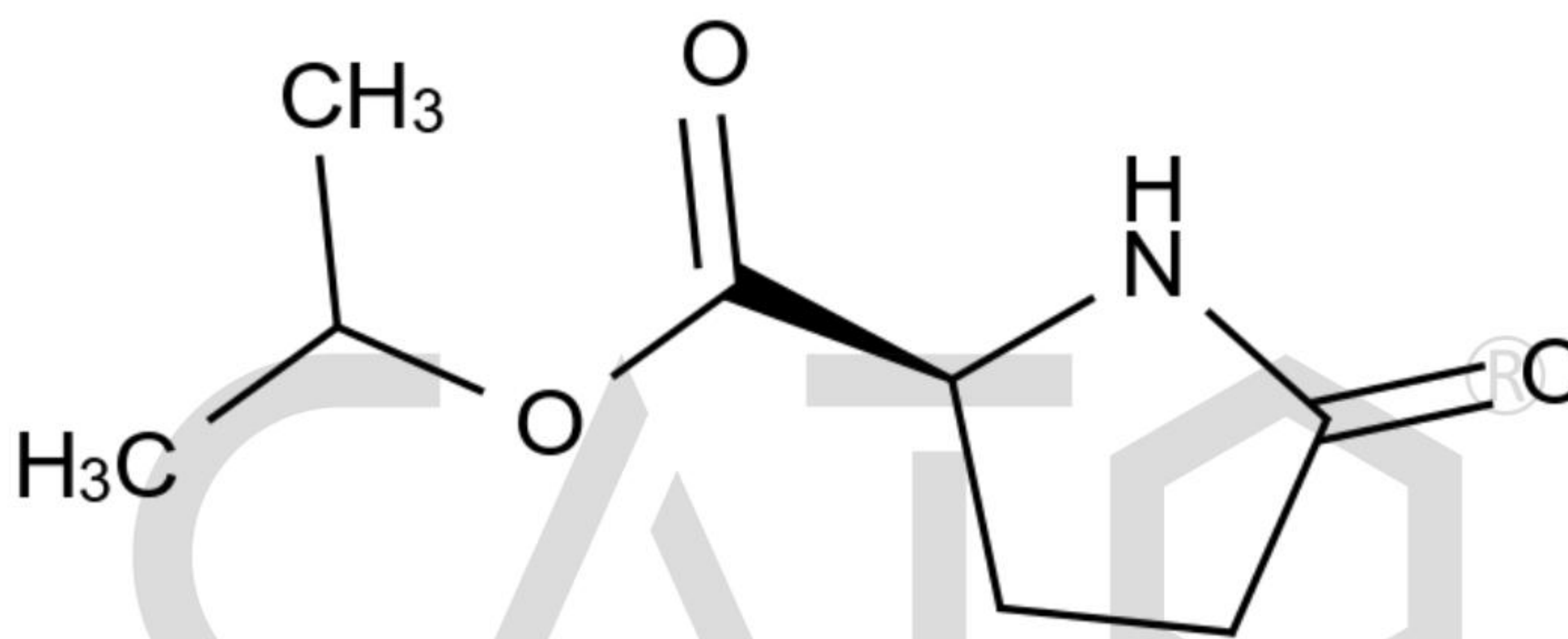
Certificate of Analysis

Reference Material & Standard

Product Name:	L-Pyroglutamic acid isopropyl ester	Catalogue Number:	C1828170
Synonyms:	N/A	Lot Number:	0317-RG-0050
CAS Number:	52989-50-1	Expiry Date:	Mar 20, 2028
Molecular Formula:	C ₈ H ₁₃ NO ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	171.19	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	GCMS&IR&HNMR	Confirmed
Purity	GC	100.0%
Assay	qNMR	98.9%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Mar 21, 2025

Date: Mar 21, 2025

Date: Mar 21, 2025

