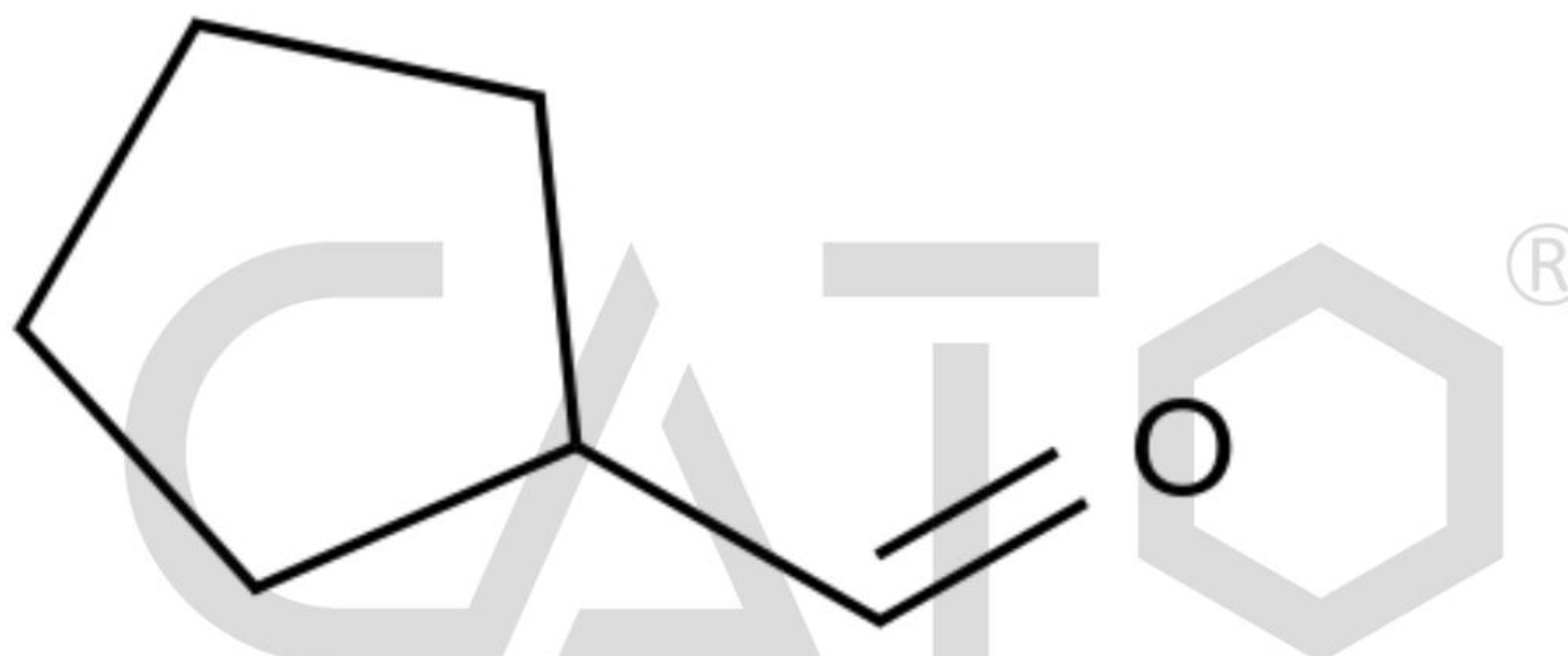


Certificate of Analysis

Reference Material & Standard

Product Name:	Cyclopentanecarboxaldehyde (stabilized with HQ)	Catalogue Number:	CCHM705728
Synonyms:	N/A	Lot Number:	0611-RG-0076
CAS Number:	872-53-7	Expiry Date:	Jun 15, 2028
Molecular Formula:	C ₆ H ₁₀ O	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	98.14	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	98.7%
Assay	qNMR	92.3%
Uncertainty		±1.4%

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: Jun 16, 2025

Date: Jun 16, 2025

Date: Jun 16, 2025



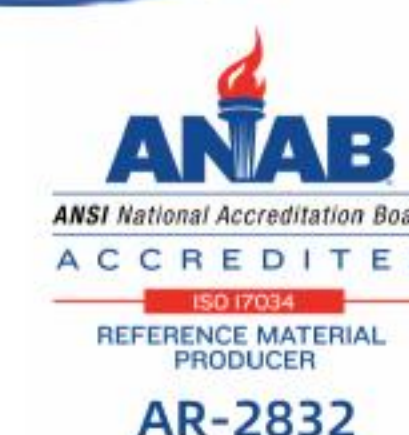
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