

Certificate of Analysis

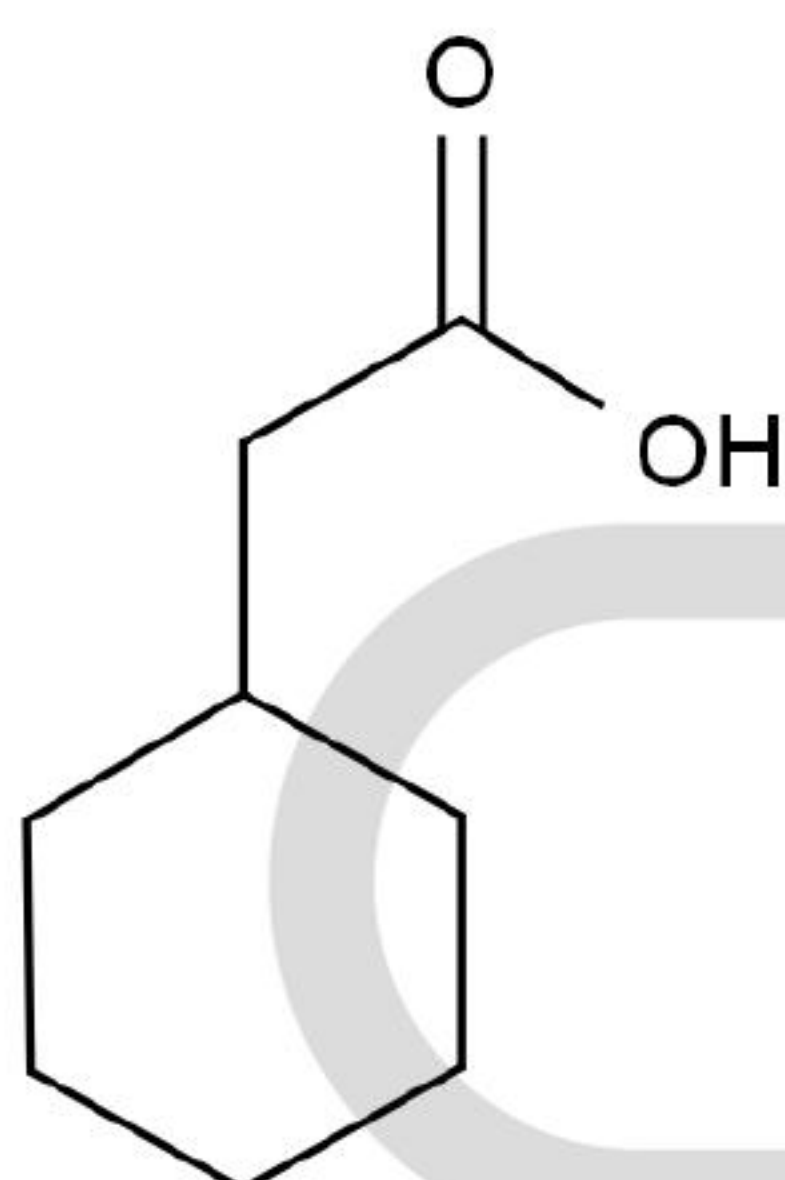
Reference Material & Standard

Product Name:	Cyclohexaneacetic acid	Catalogue Number:	CCEM501725
Synonyms:	N/A	Lot Number:	1216-RG-0023
CAS Number:	5292-21-7	Expiry Date:	Dec 14, 2029
Molecular Formula:	C ₈ H ₁₄ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	142.20	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	GCMS&HNMR	Confirmed
Purity	GC	100.0%
Assay	qNMR	99.5%
Uncertainty		±0.4%

Comment:

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:

Lisa

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Dec 16, 2025

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