

Certificate of Analysis

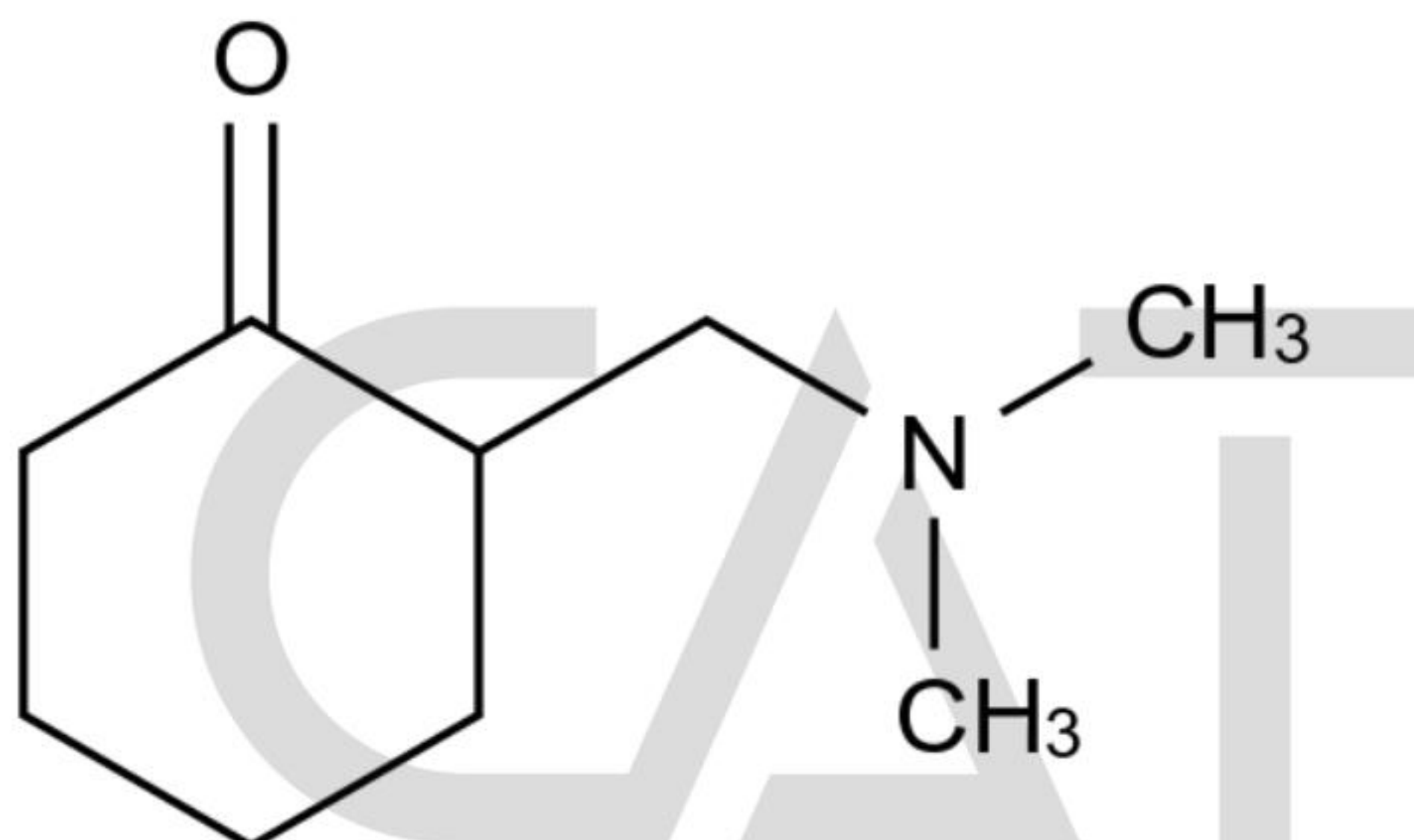
Reference Material & Standard

Product Name:	2-((Dimethylamino)methyl)cyclohexanone	Catalogue Number:	C1335746
Synonyms:	N/A	Lot Number:	0705-RH-0040
CAS Number:	15409-60-6	Expiry Date:	Jul 09, 2030
Molecular Formula:	C ₉ H ₁₇ NO	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	155.24	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Liquid
Identification	LCMS&IR&HNMR	Confirmed
Purity	ELSD	97.392%
Water Content	Karl Fischer	2.1524%
Assay		95.3%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content) * Purity ELSD (%) / 100%

Water Content is considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by:

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Reviewed by:

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Approved by General Manager:

David

Date: Jul 10, 2026

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