

Certificate of Analysis

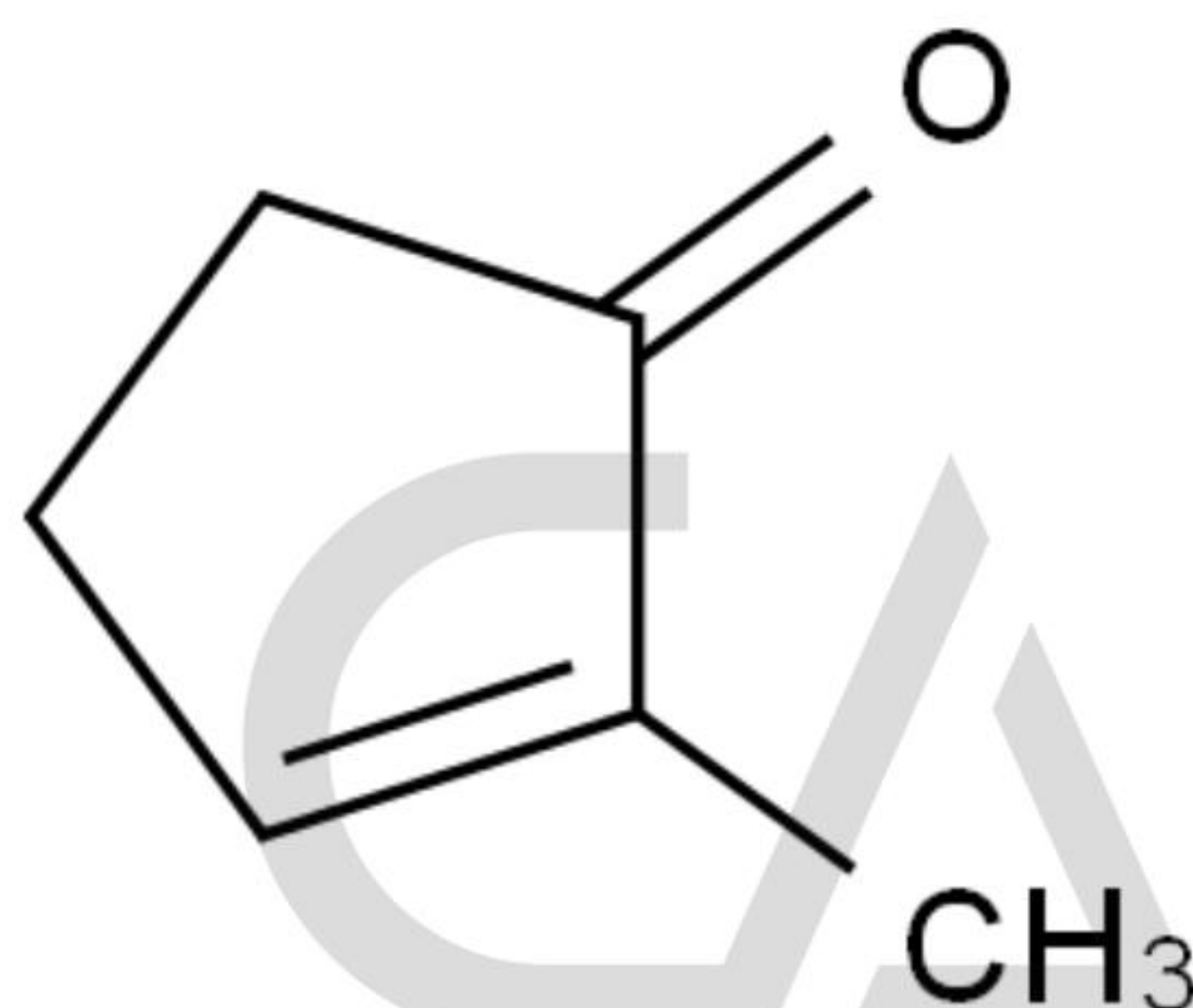
Reference Material & Standard

Product Name:	2-Methyl-2-cyclopentenone	Catalogue Number:	CCHM703106
Synonyms:	N/A	Lot Number:	0830-RE-0101
CAS Number:	1120-73-6	Expiry Date:	Aug 29, 2027
Molecular Formula:	C ₆ H ₈ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	96.13	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	93.0%
Assay	qNMR	74.2%
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:

Hinlam

Approved by General Manager:

David

Date: Aug 30, 2023

Date: Aug 31, 2023

Date: Aug 31, 2023



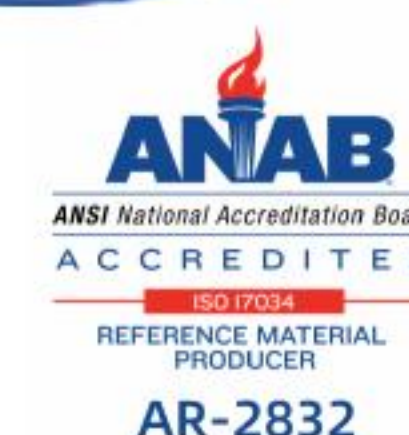
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

Page 1 of 6



Official
WeChat