

Certificate of Analysis

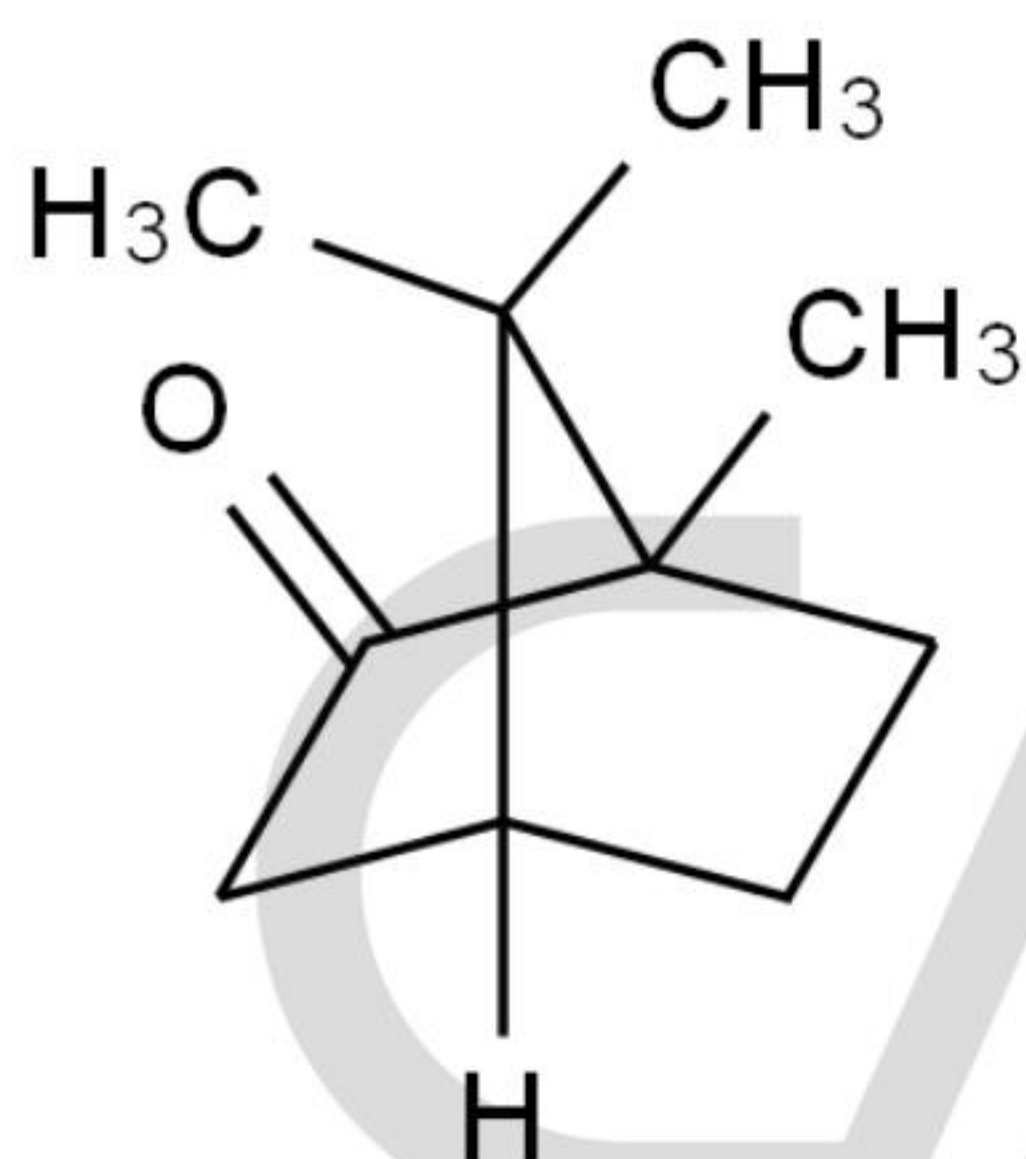
Reference Material & Standard

Product Name:	(-)-Camphor	Catalogue Number:	CCFD200926
Synonyms:	N/A	Lot Number:	0811-RD-0004
CAS Number:	464-48-2	Expiry Date:	Sep 02, 2027
Molecular Formula:	C ₁₀ H ₁₆ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	152.23	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	99.0%
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:

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Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Sep 03, 2024

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