



CERTIFICATE OF ANALYSIS

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1. Identification

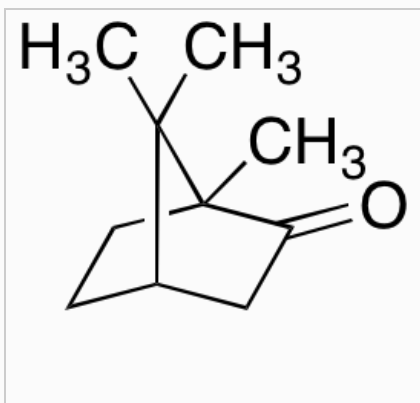
Catalogue Number: C165805

CAS Number: 76-22-2

Product: (±)-Camphor

Synonym: 1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one; Camphor; 1,7,7-Trimethylnorcamphor; 2-Bornanone; 2-Camphanone; Alphanon; Borneo camphor; DL-Camphor; Root bark Oil; Spirit of Camphor; dl-Camphor;

Structure:



Molecular Formula:

C₁₀H₁₆O

Molecular weight:

152.23

Source of Product:

N/A

Solubility:

Acetone (Slightly), Chloroform (Slightly), Ethyl Acetate (Slightly)

Lot Number: 1-FGD-590-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Pale Yellow Solid	Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 79.04, %H: 11.09
GC	Report Result	97.57%
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	-0.2° (c = 0.5, Acetone)

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Nicole Yip	Toni Rantanen	Chanell Chu	12/20/2021	12/18/2025
				