

Certificate of Analysis

Reference Material & Standard

Product Name:	10-Camphorsulfonic Acid Ethyl Ester	Catalogue Number:	C175040
Synonyms:	Camphor Impurity 12; Ethyl (+/-)-10-Camphorsulfonate; Camphor Sulfonic Acid Ethyl Ester; 10-Camphorsulfonic Acid Ethyl Ester; Camphor Impurity 4 (Camphor Sulfonic Acid Ethyl Ester); Bicyclo[2.2.1]heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-, ethyl ester	Lot Number:	1128-SA-7781
CAS Number:	108481-13-6	Expiry Date:	Nov 27, 27
Molecular Formula:	C ₁₂ H ₂₀ O ₄ S	Storage:	-20°C ± 5°C Protected from light and Sealed
Molecular Weight:	260.35		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White to Pale Yellow Low-Melting Solid
Identification:	LC&HNMR	Confirmed
Purity:	HPLC	96.651%

CATO Research Chemicals Inc.

Signature:

Prepared by:

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Reviewed by:

Yuki

Approved by General Manager:

David

Date: Nov 28, 23

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Official WeChat

Directions:

1. *Intended use: This product is suitable for identification and quantification of the analyte(s), instrument calibration, method development and quality control in analytical and R&D applications. It is not intended for administration to humans or animals, and shall not be used to diagnose, treat or cure any diseases.*
2. *Minimum sample size: 1mg is recommended as the minimum sample size.*
3. *Metrological traceability: This product meets the requirements of ISO 17034 and is traceable to NMI through an unbroken chain of comparisons.*
4. *Instructions for handling and correct use: Handling in a well-ventilated place.*

Document Version:

Revision No.	Date	Reason for Revision
01	Nov 28, 23	First release.

