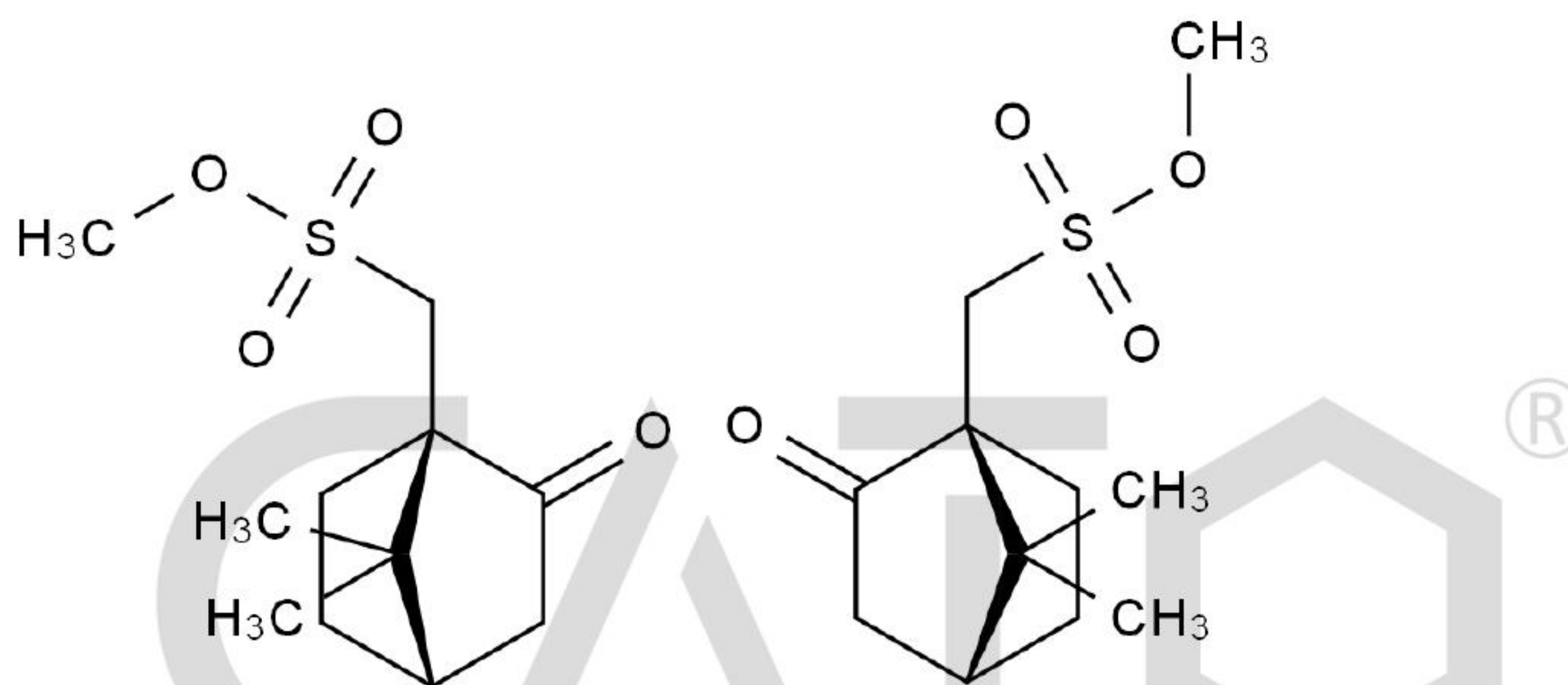


Certificate of Analysis

Reference Material & Standard

Product Name:	Rac-Methyl Camphorsulfonate	Catalogue Number:	C4X-21146
Synonyms:	N/A	Lot Number:	0701-RG-0042
CAS Number:	46471-67-4	Expiry Date:	Nov 07, 2026
Molecular Formula:	2*C ₁₁ H ₁₈ O ₄ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	2*246.32		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.5611%
Loss On Drying	TGA	0.291%
Assay		99.3%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Jul 01, 2025

Date: Jul 01, 2025

Date: Jul 01, 2025

