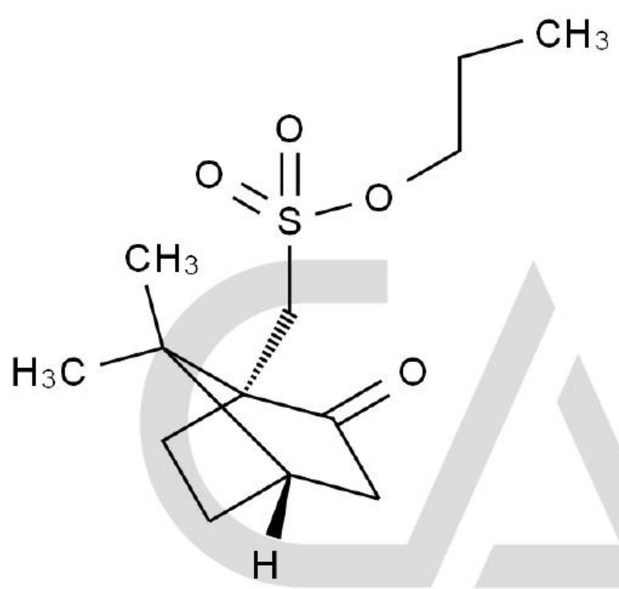
Certificate of Analysis

Reference Material & Standard

Product Name:	n-Propyl (+/-)-10-Camphorsulfonate	**Catalogue Number:**	C4X-136612
Synonyms:	N/A	**Lot Number:**	0928-RH-0088
CAS Number:	1242184-38-8	**Expiry Date:**	Oct 08, 2030
Molecular Formula:	$C_{13}H_{22}O_4S$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	274.38	**Shipping Condition:**	Shipping at Room Temperature
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	95.151%
Loss on Drying	TGA	0.5566%
Assay	Mass Balance	94.6%

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Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Loss on Drying) * Purity ELSD (%) /100%*
Loss on Drying is considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by: Alice Date: Oct 09, 2026

Reviewed by: Koi Date: Oct 09, 2026

Approved by General Manager: David Date: Oct 09, 2026

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