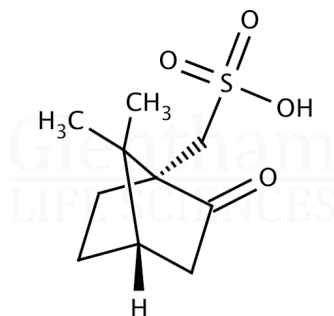


Certificate of Analysis

Product Name	(1R)-(-)-Camphor-10-sulfonic acid
Glentham Code	GK6738
CAS Number	35963-20-3
EINECS	252-817-9
MDL Number	MFCD00150753
PubChem SID	310269261
Batch Number	479AZQ
Molecular Weight	232.30
Molecular Formula	$C_{10}H_{16}O_4S$
Storage Temp.	+20°C



Property	Specification	Batch 479AZQ
Physical Description	White to faint beige powder or crystals	Faint beige crystalline powder
Solubility (5% in water)	Clear to very faintly turbid, colourless solution	Clear, colourless solution
Specific Optical Rotation ($[\alpha]_{20/D}$)	-19.0 - -23.0 ° (c=1, water)	-21.1 °
Melting Point	190 - 200 °C (dec.)	196.9 - 198.1 °C
Assay (Titration)	≥ 98.0%	100.1%

Specification Version	v1.0
Manufacture Date	2021-05-24
Re-Test Date	2030-05-20

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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