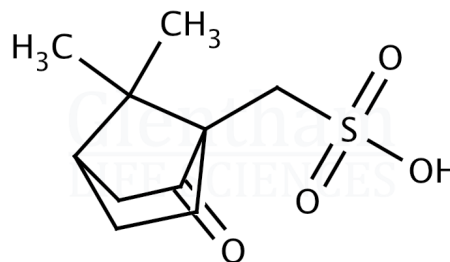


Certificate of Analysis

Product Name	(1S)-(+)-Camphor-10-sulfonic acid
Glentham Code	GK7715
CAS Number	3144-16-9
EINECS	221-554-1
MDL Number	MFCD00064157
PubChem SID	310269260
Batch Number	794IAO
Molecular Weight	232.30
Molecular Formula	$C_{10}H_{16}O_4S$
Storage Temp.	+20°C



Property	Specification	Batch 794IAO
Physical Description	White to off-white powder or crystals	Almost white crystalline powder
Identification (IR)	To conform to standard	Conforms
Solubility (5% in water)	Clear, colourless to faint yellow solution	Clear, colourless solution
Specific Optical Rotation ($[\alpha]_{20/D}$)	+20.0 - +24.0 ° (c=5, water)	+21.7°
Assay (Titration)	98.0 - 102.0 %	99.1%

Specification Version	v1.0
Manufacture Date	2023-08-12
Re-Test Date	2030-09-15

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025