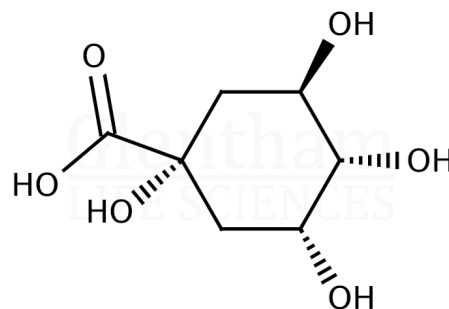


## Certificate of Analysis

Product Name D-(-)-Quinic acid  
Glenthams Code GE1274  
CAS Number 77-95-2  
EINECS 201-072-8  
MDL Number MFCD00003864  
PubChem SID 310279530  
Batch Number 873WFM

Molecular Weight 192.17  
Molecular Formula  $C_7H_{12}O_6$   
Storage Temp. +20°C



Property	Specification	Batch 873WFM
Physical Description	White to off-white powder or crystals	Off-white powder
Identification (IR)	To conform to standard	Conforms
Solubility (2% in water)	Clear to slightly turbid, colourless to faint yellow solution (on heating)	Slightly turbid, faint yellow solution
Specific Optical Rotation ( $[\alpha]_{20/D}$ )	-42.0 - -45.0 ° (c=2, water)	-42.2°
Assay (Titration)	≥ 98.0% (dried basis)	99.6%

Specification Version v1.1  
Manufacture Date 2023-04-23  
Re-Test Date 2030-07-28

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glenthams.com](http://www.glenthams.com) or contact us using the details above for the current version of this document.

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