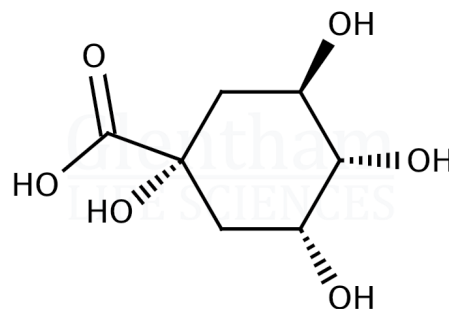


Certificate of Analysis

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 or contact us using the details above for the current version of this document.

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