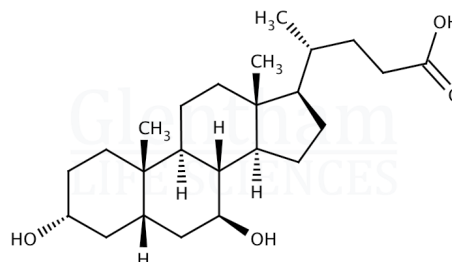


Certificate of Analysis

Product Name Ursodeoxycholic acid
Glentham Code GP1000
CAS Number 128-13-2
EINECS 204-879-3
MDL Number MFCD00003680
PubChem SID 310281604
Batch Number 158QBM

Molecular Weight 392.56
Molecular Formula $C_{24}H_{40}O_4$
Storage Temp. +20°C



Property	Specification	Batch 158QBM
Physical Description	White or almost white powder	White powder
Solubility (5% in DMSO)	Clear to faintly turbid, colourless solution	Clear, colourless solution
Specific Optical Rotation	+58.0 - +62.0 ° (c=4, ethanol)	+60.9°
Melting Point	200 - 205 °C	205°C
Loss on Drying	≤ 2.0% (105°C)	0.57%
Assay	99.0 - 101.0 % (dried basis)	100.5%

Specification Version v1.0
Manufacture Date 2018-10-05
Re-Test Date 2028-01-03

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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