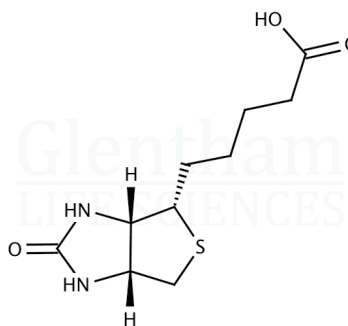


Certificate of Analysis

Product Name	D-(+)-Biotin, 98%
Glentham Code	GV9012
CAS Number	58-85-5
EINECS	200-399-3
MDL Number	MFCD00005541
Additional CAS	22879-79-4
Batch Number	678CTI
Molecular Weight	244.32
Molecular Formula	$C_{10}H_{16}N_2O_3S$
Storage Temp.	+4°C



Property	Specification	Batch 678CTI
Physical Description	White to off-white powder	White powder
Solubility (2% in 0.1M NaOH)	Clear, colourless to very faint yellow solution	Clear, colourless solution
Specific Optical Rotation ($[\alpha]_{20/D}$)	+89.0 - +93.0 ° (c=2, 0.1M NaOH)	+91.9°
Assay (Titration)	≥ 98.0%	99.9%

Specification Version	v1.0
Manufacture Date	2021-09-24
Re-Test Date	2030-02-10

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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