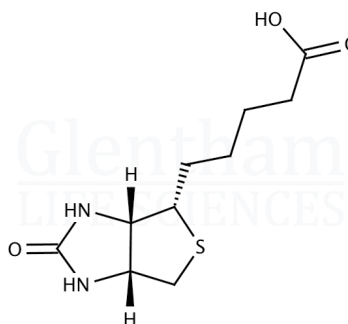


Certificate of Analysis

Product Name D-(+)-Biotin, EP, USP grade
Glentham Code GV4685
CAS Number 58-85-5
EINECS 200-399-3
MDL-Nummer MFCD00005541
PubChem SID 310267833
Zusätzliche CAS 22879-79-4
Batch Number 836MEC

Molecular Weight 244.32
Molecular Formula $C_{10}H_{16}N_2O_3S$
Storage Temp. +4°C



Property	Specification	Batch 836MEC
Physical Description	White to almost white crystalline powder	White crystalline powder
Identification	According to EP, USP	Entspricht
Solubility (1% in 0.1M NaOH)	Clear, colourless solution	Entspricht
Specific Optical Rotation ($[\alpha]_{20/D}$)	+89 - +93 ° (c=1, 0.1M NaOH)	+90.5 °
Sulphated Ash	≤ 0.1%	0.05%
Loss on Drying	≤ 1.0%	0.1%
Heavy Metals	≤ 10ppm	≤ 10ppm
Related Substances (TLC)	≤ 0.25%	Entspricht
Assay	99.0 - 101.0 % (dried basis)	99.9%
Pharmacopoeia Specification(s)	EP, USP	Entspricht

Specification Version v1.0
Manufacture Date 2021-09-24
Re-Test Date 2029-03-24

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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