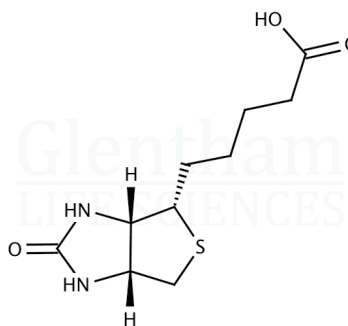


Product Specification

Product Name	D-(+)-Biotin, EP, USP grade
Glentham Code	GV4685
CAS Number	58-85-5
EINECS	200-399-3
MDL Number	MFCD00005541
PubChem SID	310267833
Additional CAS	22879-79-4
Molecular Weight	244.32
Molecular Formula	C ₁₀ H ₁₆ N ₂ O ₃ S
Storage Temp.	+4°C



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

Specification Version	-	v1.0
Date Created	-	2016-04-21

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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