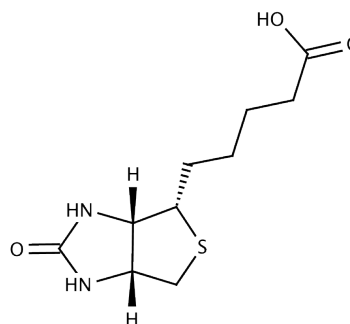


Product Specification

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

Molecular Weight : 244.32
Molecular Formula : C₁₀H₁₆N₂O₃S
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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