Glentham LIFE SCIENCES

Glentham Life Sciences Ltd Unit 5 Leafield Way Corsham SN13 9SW United Kingdom

- t: +44 (0) 1225 667 798
- f: +44 (0) 2033 978 909
- e: info@glentham.com

w: www.glentham.com

Product Specification

Product Name Glentham Code CAS Number EINECS MDL Number	D-Penicillamine, Ph. Eur. grade GA1554 52-67-5 200-148-8 MFCD00064302	SH O
Molecular Weight Molecular Formula Storage Temp.	149.21 C ₅ H ₁₁ NO ₂ S +4°C	H ₃ C H ₃ C OH

Property	Specification
Physical Description	White or almost white crystalline powder
Identification	To pass tests A, B, C, D
Solubility (10% in water)	Clear solution
Appearance of Solution	To pass test
pH (1% in water)	4.5 - 5.5
Specific Optical Rotation	-61.065.0 ° (c=5, 1M NaOH)
UV Absorbing Substances	≤ 0.07
Impurity A	≤ 1.0%
Impurity B	≤ 0.1ppm
Mercury (Hg)	≤ 10ppm
Loss on Drying	≤ 0.5%
Sulphated Ash	≤ 0.1%
Any Unspecified Impurity	≤ 0.1%
Total Impurities	≤ 1.5%
Assay	98.0 - 101.0 % (dried substance)
Pharmacopoeia Specification(s)	Ph. Eur.

Specification Version	-	v1.0
Date Created	-	2018-10-08

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025