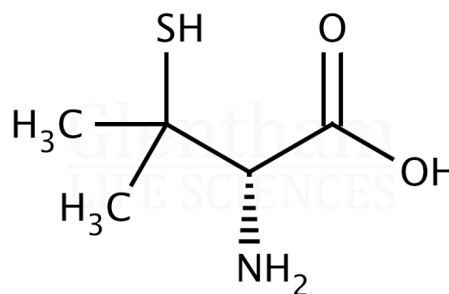


Product Specification

Product Name	D-Penicillamine, Ph. Eur. grade
Glentham Code	GA1554
CAS Number	52-67-5
EINECS	200-148-8
MDL Number	MFCD00064302
Molecular Weight	149.21
Molecular Formula	$C_5H_{11}NO_2S$
Storage Temp.	+4°C



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	-61.0 - -65.0 ° (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.

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