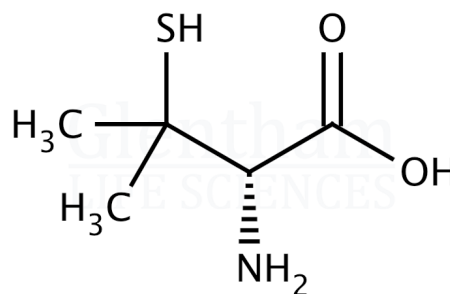


## Product Specification

Product Name	D-Penicillamine, Ph. Eur. grade
Glentham Code	GA1554
CAS Number	52-67-5
EINECS	200-148-8
Numéro MDL	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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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