

## Product Specification

Product Name	Spironolactone, Ph. Eur. grade
Glentham Code	GP2110
CAS Number	52-01-7
EINECS	200-133-6
MDL Number	MFCD00082250

Molecular Weight	416.58
Molecular Formula	$C_{24}H_{32}O_4S$
Storage Temp.	+20°C



Property	Specification
Physical Description	White or pale yellow powder
Identification (IR)	To pass test A
Identification (TLC)	To pass test B
Identification	To pass test C
Specific Optical Rotation	-41.0 - -46.0 ° (dried substance)
Impurity A	≤ 0.2%
Impurity C	≤ 0.2%
Impurity D	≤ 0.15%
Impurity E	≤ 0.3%
Impurity F	≤ 0.3%
Impurity I	≤ 0.5%
Any Unspecified Impurity	≤ 0.1%
Total Impurities	≤ 0.7%
Free Thiol Compounds	To pass test
Chromium (Cr)	≤ 50ppm
Loss on Drying	≤ 0.5%
Sulphated Ash	≤ 0.1%
Assay (HPLC)	97.5 - 102.0 % (dried substance)
Pharmacopoeia Specification(s)	EP

Specification Version	- v1.0
Date Created	- 2018-08-30

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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