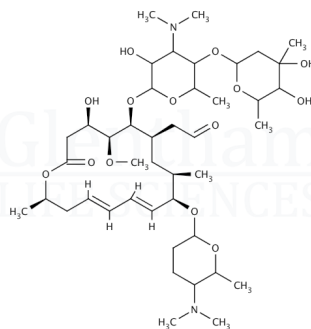


## Product Specification

Product Name	Spiramycin, EP grade
Glentham Code	GA9612
CAS Number	8025-81-8
EINECS	232-429-6
MDL Number	MFCD01314545
Molecular Weight	843.05
Molecular Formula	C43H74N2O14
Storage Temp.	+4°C



Property	Specification
Physical Description	White to pale yellow powder
Identification	According to EP
Solubility (10% in ethanol)	Clear, colourless to pale yellow solution
pH	8.5 - 10.5 (500mg in 5ml CH3OH + 100ml H2O)
Specific Optical Rotation	-80 - -85 °
Any Individual Impurity	≤ 2.0%
Total Impurities	≤ 10.0%
Heavy Metals	≤ 20ppm
Sulphated Ash	≤ 0.1%
Composition	Spiramycin I: ≥ 80.0%
	Spiramycin II: ≤ 5.0%
	Spiramycin III: ≤ 10.0%
	Total Spiramycins: ≥ 90.0%
Loss on Drying	≤ 3.5%
Assay	≥ 4100IU/mg (dried basis)
Pharmacopoeia Specification(s)	EP

Specification Version	-	v1.0
Date Created	-	2016-06-22

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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