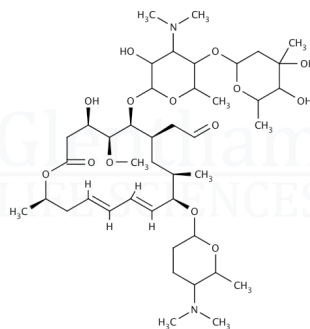


Product Specification

Product Name	Spiramycin, EP grade
Glentham Code	GA9612
CAS Number	8025-81-8
EINECS	232-429-6
MDL-Nummer	MFCD01314545

Molecular Weight	843.05
Molecular Formula	$C_{43}H_{74}N_2O_{14}$
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 CH ₃ OH + 100ml H ₂ O)
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 or contact us using the details above for the current version of this document.

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