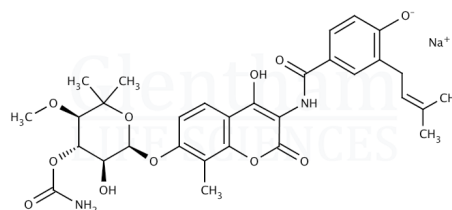


Certificate of Analysis

Product Name	Novobiocin sodium salt, USP grade
Glentham Code	GP5629
CAS Number	1476-53-5
EINECS	216-023-6
Numéro MDL	MFCD00066541
CAS supplémentaire	303-81-1
Batch Number	013QAJ
Molecular Weight	634.61
Molecular Formula	$C_{31}H_{35}N_2NaO_{11}$
Storage Temp.	+4°C



Property	Specification	Batch 013QAJ
Physical Description	White to off-white powder	Off-white powder
Identification	According to USP	Conforms
Specific Optical Rotation	-58 - -50 ° (c=5, 100:1 MeOH:HCl)	-55°
Crystallinity	According to USP	Conforms
pH (2.5% in water)	6.5 - 8.5	8.1
Loss on Drying	≤ 6.0% (vac., 60°C, 3h)	0.8%
Residual Solvents	According to USP	Conforms
Residue on Ignition	10.5 - 12.0 %	10.9%
Assay	≥ 850µg/mg (dried basis)	970µg/mg
Purity (HPLC)	≥ 90.0%	95.4%
Pharmacopoeia Specification(s)	USP	Conforms

Specification Version	v1.0
Manufacture Date	2022-04-03
Re-Test Date	2030-04-10

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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