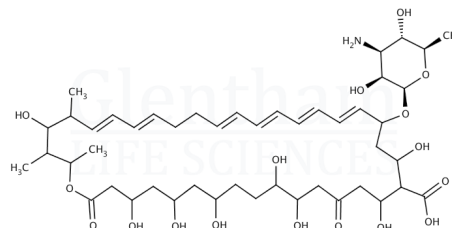


Certificate of Analysis

Product Name	Nystatin hydrate, 4400 U/mg, USP grade
Glentham Code	GP7660
CAS Number	1400-61-9
EINECS	215-749-0
MDL Number	MFCD00036240
Additional CAS	34786-70-4 (A1)
Batch Number	189JYB
Molecular Weight	926.09 (anhydrous)
Molecular Formula	$C_{47}H_{75}NO_{17} \cdot xH_2O$
Storage Temp.	-20°C



Property	Specification	Batch 189JYB
Physical Description	Yellow to dark yellow or tan powder	Yellow powder
Identification (UV)	To pass test	Conforms
Identification (IR)	To conform to standard	Conforms
UV-VIS Absorption	291 - 305 nm: ≥ 0.6	0.81
	230 - 280 nm: ≥ 0.8	1.08
pH (3% in water)	6.0 - 8.0	7.9
Nystatin A1	$\geq 85.0\%$	91.1%
Any Individual Impurity	$\leq 4.0\%$	1.4%
Suspendibility	$\geq 90.0\%$	97.8%
Loss on Drying	$\leq 5.0\%$	4.2%
Potency	$\geq 4400U/mg$ (dried basis)	6227U/mg
Pharmacopoeia Specification(s)	USP	Conforms

Specification Version	v1.1
Manufacture Date	2021-01-10
Re-Test Date	2027-12-09

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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