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Certificate of Analysis

Product Name		9%, GlenCell™, suitable Ph. Eur., USP grade		
Glentham Code	GM9348	, Ç		
CAS Number	63-68-3			0
EINECS	200-562-9		C	on than
MDL Number	MFCD0006309	7	H ₃ C	ОН
Batch Number	447PDY		1130	E SCIED CES
Molecular Weight	149.21			• NH ₂
Molecular Formula	C ₅ H ₁₁ NO ₂ S			2
Storage Temp.	+20°C			
Property		Specification		Batch 447PDY
Physical Description		White crystalline powder		White crystalline powder
Identification		To pass tests		Conforms
Solubility (2.5% in water)		Clear, colourless solution		Clear, colourless solution
pH (2.5% in water)		5.6 - 6.1		5.9
Specific Optical Rotation		+23.0 - +24.0 ° (20°C, 2%	in 6 M HCl)	+23.5°
Specific Optical Rotation		+22.4 - +24.7 ° (25°C, 2%	in 6 M HCl)	+23.6°
Ammonium (NH4)		≤ 0.02%		≤ 0.005%
Chloride (Cl)		≤ 0.02%		≤ 0.017%
Sulphate (SO4)		≤ 0.03%		≤ 0.02%
Iron (Fe)		≤ 10ppm		Conforms
Heavy Metals (as Pb)		≤ 5ppm		Conforms
Arsenic (As2O3)		≤ 1ppm		Conforms
Ninhydrin-positive substan	ces	≤ 0.5%		≤ 0.3%
Loss on Drying		≤ 0.20%		0.0%
Sulphated Ash		≤ 0.1%		0.0%
Endotoxins		≤ 6.0EU/g		≤ 3EU/g
Assay (Titration)		99.0 - 101.0 % (dried basis	5)	100.0%
Pharmacopoeia Specificati	on(s)	EP, USP		Conforms
Origin		Non-animal		Conforms

Specification Version	v1.1
Manufacture Date	2020-12-15
Re-Test Date	2025-08-01

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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