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Certificate of Analysis

Product Name		99%, GlenCell™, suitable Ph. Eur., USP grade		
Glentham Code	GM9348			0
CAS Number	63-68-3			0
EINECS	200-562-9		c	nthorn
MDL Number	MFCD0006309	17	H ₃ C/3~	ОН
Batch Number	447PDY		130	E SCIEN 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 substar	nces	≤ 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 Specificat	tion(s)	EP, USP		Conforms
Origin		Non-animal		Conforms

Specification Version	v1.1
Manufacture Date	2020-12-15
Re-Test Date	2030-07-01

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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