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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		Com the pro-
MDL Number	MFCD0006309	)7	н <sub>3</sub> с он
Batch Number	447PDY		<sup>13</sup> LIFE SCIED CES
Molecular Weight	149.21		■ NH <sub>2</sub>
Molecular Formula	C <sub>5</sub> H <sub>11</sub> NO <sub>2</sub> S		Z
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% ir	n 6 M HCl) +23.5°
Specific Optical Rotation		+22.4 - +24.7 ° (25°C, 2% ir	n 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)	) 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	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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