# Glentham

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### **Product Datasheet**

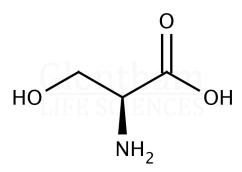
# GM7000 - L-Serine, GlenCell™, suitable for cell culture

#### **Product Details**

Product Name	L-Serine, GlenCell™, suitable for cell culture
Glentham Code	GM7000
CAS Number	56-45-1
EINECS	200-274-3
MDL Number	MFCD00064224
Related Categories	Amino Acids, Biochemicals, Reagents for Cell Culture

#### Structure

Molecular Weight	:	105.09
Molecular Formula	:	$C_3H_7NO_3$



#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as hazardous under CLP. Not classified as dangerous for transport.

#### **Glentham Product Specification**

Physical Description	:	White crystals or crystalline powder
Identification	:	IR
Solubility	:	Freely soluble in water and in formic acid, practically insoluble in ethanol
Solubility (5% in water)	:	Clear, colourless solution
Transmittance	:	≥ 98.0% (5% in water, 430nm, 10mm cell)
Specific Optical Rotation	:	+14.4 - +15.5 ° (c=10, 2M HCl)
Chloride (Cl)	:	≤ 0.02%
Ammonium (NH4)	:	≤ 0.02%
Sulphate (SO4)	:	≤ 0.02%
Iron (Fe)	:	≤ 10ppm
Heavy Metals (as Pb)	:	≤ 10ppm
Arsenic (As2O3)	:	≤ 1ppm
Related Substances	:	To pass test
Loss on Drying	:	≤ 0.2%
Sulphated Ash	:	≤ 0.1%
рН	:	5.2 - 6.2 (10% in water)
Residual Solvents	:	≤ 200ppm (Methanol)
Endotoxins	:	≤ 6.0EU/g
Assay	:	98.5 - 101.0 %
Origin	:	Non-animal origin
Version	:	v1.0

## About L-Serine, GlenCell<sup>™</sup>, suitable for cell culture

No further details on record.

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