

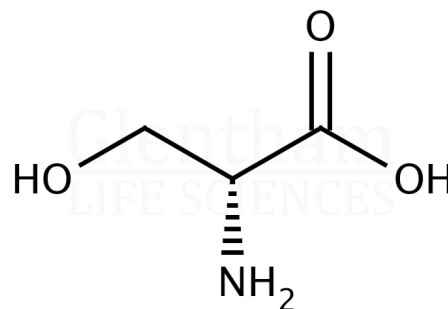
## Certificate of Analysis

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Product Name	D-Serine
Glentham Code	GM2756
CAS Number	312-84-5
EINECS	206-229-4
MDL Number	MFCD00004269
PubChem SID	310279963
Batch Number	383JRO

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Molecular Weight	105.09
Molecular Formula	C <sub>3</sub> H <sub>7</sub> NO <sub>3</sub>
Storage Temp.	+20°C



Property	Specification	Batch 383JRO
Physical Description	White to off-white powder	White powder
Solubility (5% in water)	Clear, colourless to faint yellow solution	Clear, colourless solution
Specific Optical Rotation ([α] <sub>20</sub> /D)	-13.0 - -16.0 ° (c=10, 1M HCl)	-15.6 °
Assay	98.5 - 101.5 % (dried basis)	99.71%

Specification Version	v1.0
Manufacture Date	2017-04-02
Re-Test Date	2028-06-03

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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