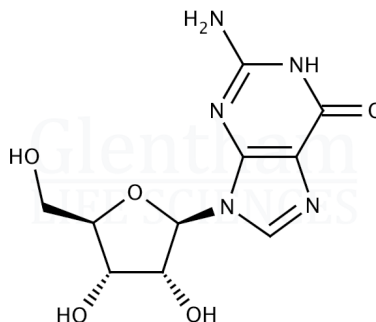


## Certificate of Analysis

Product Name Guanosine  
Glentham Code GE8690  
CAS Number 118-00-3  
EINECS 204-227-8  
MDL Number MFCD00010182  
PubChem SID 310274371  
Batch Number 476IAU

Molecular Weight 283.24  
Molecular Formula  $C_{10}H_{13}N_5O_5$   
Storage Temp. +20°C



Property	Specification	Batch 476IAU
Physical Description	White to off-white or light-yellow crystalline powder	White powder
Solubility (10% in 1M NaOH)	Clear, colourless to very faint yellow solution	Clear, very faint yellow solution
Specific Optical Rotation ( $[\alpha]_{20/D}$ )	-71.0 - -78.0 ° (c=1, 1M NaOH)	-73.2°
Loss on Drying	≤ 5.0%	2.3%
Assay (Titration)	≥ 98.5%	99.2%

Specification Version v1.2  
Manufacture Date 2021-12-15  
Re-Test Date 2029-02-07

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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