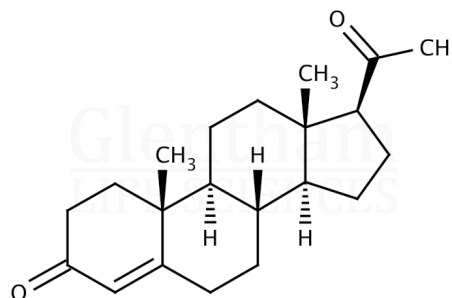


## Certificate of Analysis

Product Name	Progesterone, EP grade
Glentham Code	GP3299
CAS Number	57-83-0
EINECS	200-350-6
MDL Number	MFCD00003658
Batch Number	588FZH
Molecular Weight	314.46
Molecular Formula	$C_{21}H_{30}O_2$
Storage Temp.	+4°C



Property	Specification	Batch 588FZH
Physical Description	White or almost white crystalline powder, or colourless crystals	Conforms
Identification (IR)	To pass test A	Conforms
Identification (TLC)	To pass test B	Conforms
Specific Optical Rotation	+186.0 - +194.0 °	+189.0°
Impurity I	≤ 0.6%	Not detected
Impurity C	≤ 0.3%	0.22%
Impurity B	≤ 0.2%	0.06%
Sum of Impurities D and E	≤ 0.15%	Not detected
Impurity G	≤ 0.15%	0.06%
Impurity J	≤ 0.15%	Not detected
Impurity K	≤ 0.15%	Not detected
Impurity L	≤ 0.15%	Not detected
Impurity M	≤ 0.15%	Not detected
Impurity H	≤ 0.15%	0.06%
Any Unspecified Impurity	≤ 0.10%	Not detected
Total Impurities	≤ 1.0% (exc. H)	0.34%
Loss on Drying	≤ 0.5%	0.21%
Assay	97.0 - 102.0 % (dried substance)	100.5%
Pharmacopoeia Specification(s)	EP	Conforms to EP10.0

Specification Version	v1.0
Manufacture Date	2020-05-24
Re-Test Date	2028-05-31

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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