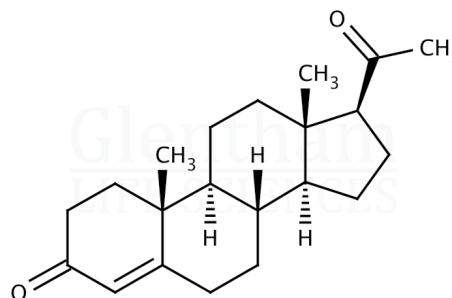


Certificate of Analysis

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 or contact us using the details above for the current version of this document.

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