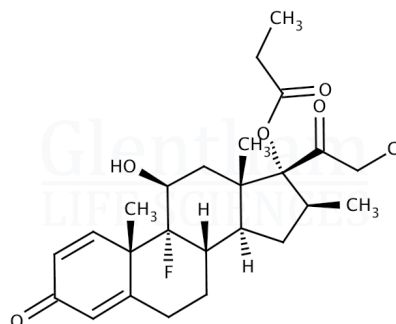


Certificate of Analysis

Product Name	Clobetasol propionate, Ph. Eur. grade
Glentham Code	GP1910
CAS Number	25122-46-7
EINECS	246-634-3
MDL Number	MFCD00058499
Additional CAS	25122-41-2
Batch Number	199FYI
Molecular Weight	466.97
Molecular Formula	$C_{25}H_{32}ClFO_5$
Storage Temp.	+4°C



Property	Specification	Batch 199FYI
Physical Description	White or almost white crystalline powder	White crystalline powder
Identification (IR)	To conform to standard	Conforms
Specific Optical Rotation ($[\alpha]_{20/D}$)	+112.0 - +118.0 ° (c=1, acetone)	114.7
Impurity E	≤ 0.7%	0.24%
Impurity D	≤ 0.5%	0.03%
Impurity B	≤ 0.3%	0.06%
Impurity C	≤ 0.3%	Undetected
Impurity A	≤ 0.2%	0.05%
Impurity L	≤ 0.2%	Undetected
Impurity M	≤ 0.2%	0.06%
Any Unspecified Impurity	≤ 0.1%	0.06%
Total Impurities	≤ 2.0%	0.56%
Loss on Drying	≤ 0.5% (105°C, 3h)	0.1%
Assay	97.0 - 102.0 % (dried substance)	99.1%
Pharmacopoeia Specification(s)	EP	Conforms

Specification Version	v1.0
Manufacture Date	2017-03-18
Re-Test Date	2024-01-04

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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