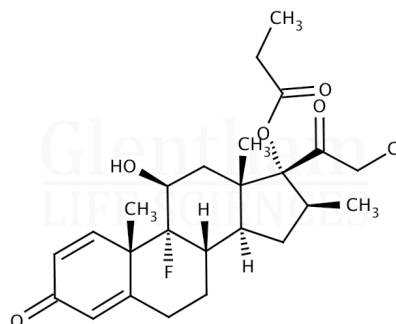


Certificate of Analysis

Product Name Clobetasol propionate, USP grade
Glentham Code GP0268
CAS Number 25122-46-7
EINECS 246-634-3
MDL Number MFCD00058499
PubChem SID 310270399
Additional CAS 25122-41-2
Batch Number 083ODJ

Molecular Weight 466.97
Molecular Formula $C_{25}H_{32}ClFO_5$
Storage Temp. +4°C



Property	Specification	Batch 083ODJ
Physical Description	White to almost white crystalline powder	Almost white crystalline powder
Identification	IR	Conforms
Specific Optical Rotation	+98.0 - +104.0 ° (20°C)	+100.5 °
Melting Point	~196°C	196 °C
Heavy Metals	≤ 20ppm	≤ 20ppm
Residue on Ignition	≤ 0.1%	0.05%
Any Individual Impurity	≤ 1.0%	0.57%
Total Impurities	≤ 2.5%	1.68%
Loss on Drying	≤ 2.0%	0.64%
Assay	98.0 - 102.0 % (dried basis)	98.5%
Pharmacopoeia Specification(s)	USP	Conforms

Specification Version v1.0
Manufacture Date 2018-12-13
Re-Test Date 2027-01-17

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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