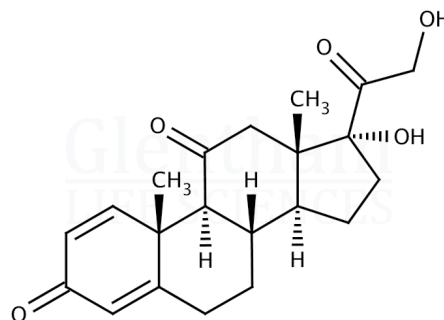


Certificate of Analysis

Product Name Prednisone, USP grade
Glentham Code GP0511
CAS Number 53-03-2
EINECS 200-160-3
MDL Number MFCD00003608
Batch Number 680WRL

Molecular Weight 358.43
Molecular Formula $C_{21}H_{26}O_5$
Storage Temp. +20°C



Property	Specification	Batch 680WRL
Physical Description	White to off-white powder	White powder
Identification (IR)	To conform to standard	Conforms to standard
Identification	Sulphuric acid test	Conforms
Residue on Ignition	To pass test (negligible from 100mg)	Conforms
Any Individual Impurity	≤ 1.5%	0.3%
Total Impurities	≤ 2.0%	1.1%
Specific Optical Rotation ($[\alpha]_{20/D}$)	+167 - +175 ° (c=0.5, dioxane)	172.7°
Water	≤ 1.0%	0.65%
Assay	97.0 - 102.0 %	98.3%
Pharmacopoeia Specification(s)	USP	Conforms

Specification Version v1.0
Manufacture Date 2023-05-16
Re-Test Date 2030-05-31

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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