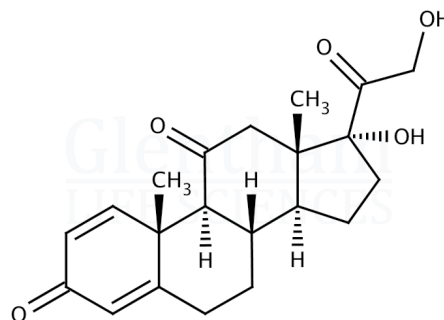


Certificate of Analysis

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 ([α] _D ²⁰)	+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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025