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CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2023

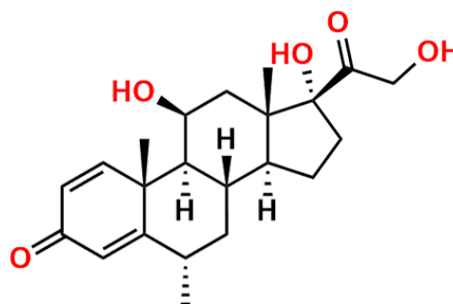
Re-test Date: Jun 2026

Product Name: Methylprednisolone (In House Standard)

Identification:

Chemical Name: 11 β ,17,21-Trihydroxy-6 α -methylpregna-1,4-diene-3,20-dione

Synonyms : NA
CAS Number : 83-43-2
CAT Number : CP-M14000
Molecular Formula : C₂₂H₃₀O₅
Molecular Weight : 374.48
Batch Number : CHEM-MET-IN-0723



Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.74%
5)	H1NMR	Confirm to structure
6)	Weight loss by TGA	0.11%
7)	Potency by TGA	99.63%



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.