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CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2023

Re-test Date: Jan 2026

Product Name: Methylprednisolone Hydrogen Succinate EP Impurity B

Identification:

Chemical Name: 4-(((6S,8S,9S,10R,11S,13S,14S,17R)-11-hydroxy-17-(2-hydroxyacetyl)-6,10,13-trimethyl-3-oxo-6,7,8,9,10,11,12,13,14,15,16,17-dodecahydro-3H-cyclopenta[a]phenanthren-17-yl)oxy)-4-oxobutanoic acid

Synonyms : Methylprednisolone
Hemisuccinate USP Related
Compound B ;
Methylprednisolone 17-
Hydrogen Succinate

CAS Number : 77074-42-1

CAT Number : CP-M14022

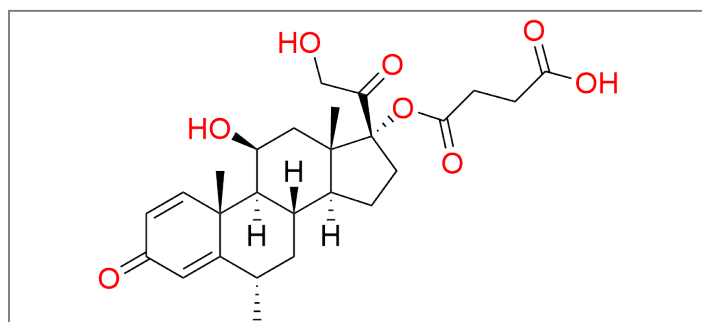
Molecular Formula : C₂₆H₃₄O₈

Molecular Weight : 474.54

Batch Number : CHEM-MET-S17

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



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	95.5%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



Prepared and Reviewed By

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare
(QA Head)

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