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## CERTIFICATE OF ANALYSIS

Analysis Date:

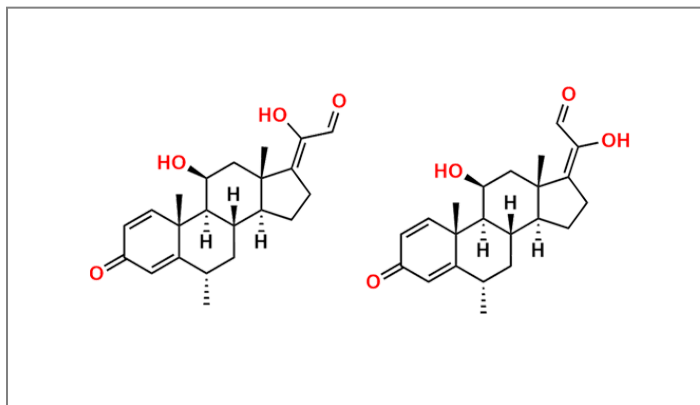
Re-test Date:

**Product Name: Methyl Prednisolone EP Impurity D (Isomer mixture-1 and 2)**

### Identification:

Chemical Name: (Z)-2-Hydroxy-2-((6S,8S,9S,10R,11S,13S,14S)-11-hydroxy-6,10,13-trimethyl-3-oxo-7,8,9,11,12,13,15,16-octahydro-3H-cyclopenta[a]phenanthren-17(6H,10H,14H)-ylidene)acetaldehyde with (E)-2-hydroxy-2-((6S,8S,9S,10R,11S,13S,14S)-11-hydroxy-6,10,13-trimethyl-3-oxo-7,8,9,11,12,13,15,16-octahydro-3H-cyclopenta[a]phenanthren-17(6H,10H,14H)-ylidene)acetaldehyde

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-M14041  
Molecular Formula : C<sub>22</sub>H<sub>28</sub>O<sub>4</sub>  
Molecular Weight : 356.46



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure



**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.