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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Medroxyprogesterone Acetate EP Impurity B**

**Identification:**

Chemical Name: 6 $\alpha$ -Methyl-3,20-dioxopregn-4-en-17-yl (as per EP)

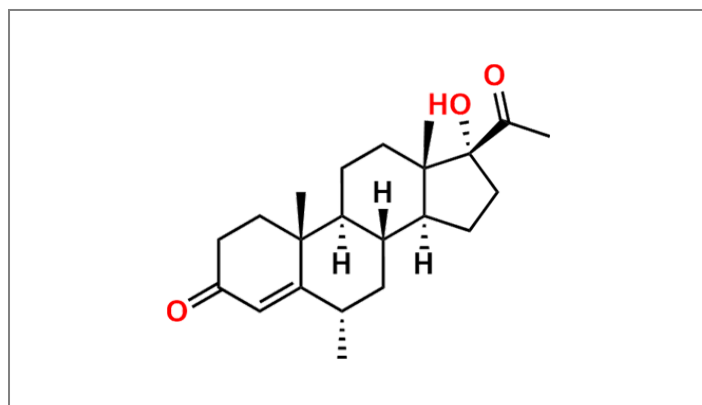
Synonyms : Medroxyprogesterone Acetate  
USP Related Compound B

CAS Number : 520-85-4

CAT Number : CP-M96011

Molecular Formula : C<sub>22</sub>H<sub>32</sub>O<sub>3</sub>

Molecular Weight : 344.49



**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)	<sup>1</sup> H NMR	Confirm to structure
6)	IR	Confirm to structure
7)	Weight loss by TGA	-
8)	Potency by TGA	-

**Prepared and Reviewed By**

**Approved By**



Ms Priyanka Salunkhe  
(Manager QC Analytical)

Ms Rohini Gagare  
(QA Head)

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