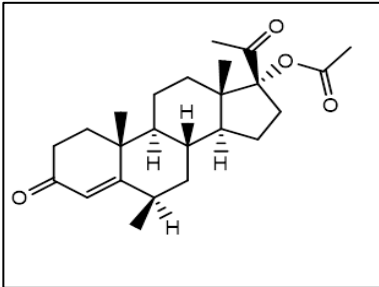


Analysis Date: 29-01-2026

Re-test Date: 29-01-2029

## MEGESTROL ACETATE EP IMPURITY F

### Identification

<b>Chemical Name</b>	: 6-epi-Medroxyprogesterone 17-Acetate ;6 beta - Methyl-3,20-dioxopregn-4-en-17-yl acetate	
<b>CAT No</b>	: ALL-M07228	
<b>CAS No</b>	: 2242-65-1	
<b>Molecular Formula</b>	: C <sub>24</sub> H <sub>34</sub> O <sub>4</sub>	
<b>Molecular Weight</b>	: 386.52	

### Analytical Information

<b>Batch No.</b>	: ALL-M07228	<b>HPLC Purity</b>	: 98.00 %
<b>Solubility</b>	: USP Diluent / EP Diluent (MEOH)	<b>Potency</b>	: 96.69 %
<b>Appearance of Product</b>	: OFF WHITE SOLID	<b>Mass</b>	: Confirm
<b>Long Term Storage</b>	: 2-8 <sup>0</sup> C	<b>IR Analysis</b>	: Confirm
<b>Weight Loss By TGA</b>	: 1.316 %	<b><sup>1</sup>H NMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.012 %		

### Additional Information

$$\%Potency = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 =$$

$$[100 - (1.316 + 0.012) \times 98.00] / 100 = 96.69 \%$$

**Recommendation** : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul khadase Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

**Attachment** : HPLC, Mass, <sup>1</sup>H NMR, IR, TGA

**Shipping Condition** : All Product are stable to be shipped at room temperature, unless otherwise specified

#### Corporate Office