

Analysis Date: 20-01-2026

Re-test Date: 20-01-2029

## MEGESTROL ACETATE EP IMPURITY B

### Identification

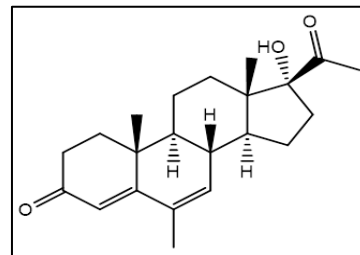
**Chemical Name** : 6-Methyl-17-hydroxypregna-4,6-diene-3,20-dione

**CAT No** : ALL-M03622

**CAS No** : 3562-63-8

**Molecular Formula** : C<sub>22</sub>H<sub>30</sub>O<sub>3</sub>

**Molecular Weight** : 342.47



### Analytical Information

<b>Batch Code</b>	: ALL-M03622	<b>HPLC Purity</b>	: 99.36%
<b>Solubility</b>	: USP Diluent / EP Diluent (MEOH)	<b>Potency</b>	: 96.56%
<b>Appearance of Product</b>	: Off White Solid	<b>Mass</b>	: Confirm
<b>Long Term Storage</b>	: 2-8 Â°C	<b>IR Analysis</b>	: Confirm
<b>Weight Loss By TGA</b>	: 1.883%	<b>1HNMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.926%		

### Additional Information

**%Potency** = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =  
 [100 - (0.351+1.225) × 99.36]/100 = 96.56%

**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, 1H NMR, IR, TGA

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

#### Corporate Office