

Analysis Date: 29-01-2026

Re-test Date: 29-01-2029

## MEGESTROL ACETATE EP IMPURITY G

### Identification

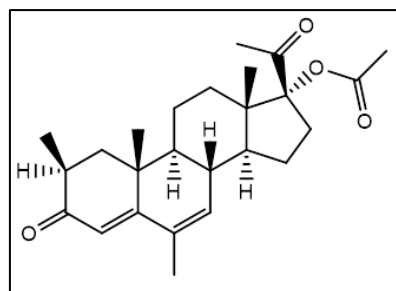
**Chemical Name** : (2beta)-Methyl Megestrol Acetate (2S,8R,9S,10R,13S,14S,17R)-17-acetyl-2,6,10,13-tetramethyl-3-oxo-2,3,8,9,10,11,12,13,14,15,16,17-dodecahydro-1H-cyclopenta[a]phenanthren-17-yl acetate

**CAT No** : ALL-M07229

**CAS No** : 1259198-59-8

**Molecular Formula** : C<sub>25</sub>H<sub>34</sub>O<sub>4</sub>

**Molecular Weight** : 398.54



### Analytical Information

<b>Batch No</b>	: ALL-M07229	<b>HPLC Purity</b>	: 98.00%
<b>Solubility</b>	: USP Diluent / EP Diluent (MEOH)	<b>Potency</b>	: 97.59 %
<b>Appearance of Product</b>	: OFF WHITE SOLID	<b>Mass</b>	: Confirm
<b>Long Term Storage</b>	: -20°C	<b>IR Analysis</b>	: Confirm
<b>Weight Loss By TGA</b>	: 0.362 %	<b><sup>1</sup>H NMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.047 %		

### Additional Information

**%Potency** = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =  
 [100 - (0.362+0.047) × 98.00]/100 = 97.59 %

**Recommendation** : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadse QA Officer	
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