

Analysis Date: 04-03-2022

Re-test Date: 04-03-2025

## HYDROCORTISONE ACETATE EP IMPURITY G

### Identification

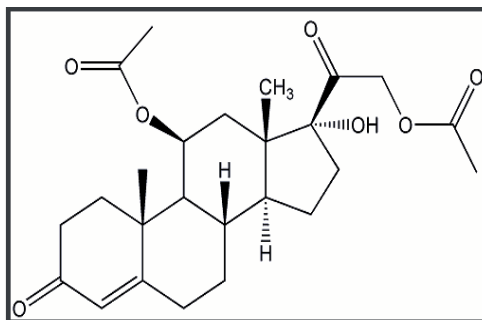
**Chemical Name** : 17-Hydroxy-3, 20-dioxopregn-4-ene-11 $\beta$ , 21-diy diacetate

**CAT No** : ALL-H02942

**CAS No** : 81968-66-3

**Molecular Formula** : C<sub>25</sub>H<sub>34</sub>O<sub>7</sub>

**Molecular Weight** : 446.53



### Analytical Information

<b>Batch Code</b>	: ALL-H02942	<b>HPLC Purity</b>	: 96.08 %
<b>Solubility</b>	: USP Diluent / EP Diluent (MEOH)	<b>Potency</b>	: 95.03 %
<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>	: 0.094 %	<b>1HNMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.994 %		

### Additional Information

**%Potency** = [100 -( Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =  
 [100 – (0.094+ 0.994) × 96.08]/100= 95.03 %

**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