

Analysis Date: 30-07-2025

Re-test Date: 30-07-2028

## HYDROCORTISONE E-ISOMER OF ENOL ALDEHYDE

### Identification

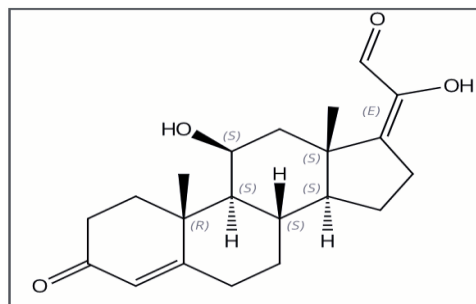
**Chemical Name** : (11b,17E)-11,20-dihydroxy-3-oxo-pregna-4,17(20)-dien-21-al

**CAT No** : ALL-HYD-2303

**CAS No** : 105562-12-7

**Molecular Formula** : C<sub>21</sub>H<sub>28</sub>O<sub>4</sub>

**Molecular Weight** : 344.45



### Analytical Information

<b>Batch Code</b>	: ALL-HYD-2303	<b>HPLC Purity</b>	: 98.00 %
<b>Solubility</b>	: USP Diluent / EP Diluent (MEOH)	<b>Potency</b>	: 97.17%
<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>	: 0.413%	<b><sup>1</sup>H NMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.425 %		

### Additional Information

**%Potency** = [100 -( Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =  
 [100 – (0.413+ 0.425) × 98.00]/100= 97.17%

**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