

Analysis Date: 10-11-2025

Re-test Date: 10-11-2028

## TRIAMCINOLONE

### Identification

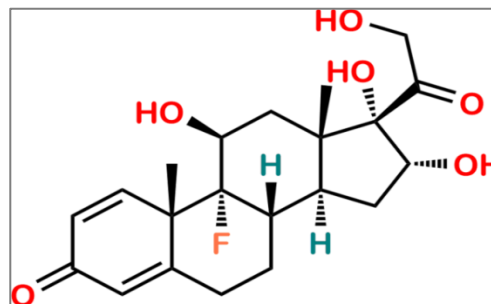
**Chemical Name** : 9-Fluoro-11 $\beta$ ,16 $\alpha$ ,17,21-tetrahydroxypregna-1,4-diene-3,20-dione

**CAT No** : ALL-TRI-1

**CAS No** : 124-94-7

**Molecular Formula** : C<sub>21</sub>H<sub>27</sub>FO<sub>6</sub>

**Molecular Weight** : 394.43



### Analytical Information

<b>Batch Number</b>	: ALL-TRI-1	<b>HPLC Purity</b>	: 98.00 %
<b>Solubility</b>	: MeOH: ACN	<b>Potency</b>	: 96.51 %
<b>Appearance of Product</b>	: Off White Solid	<b>Mass</b>	: Confirm
<b>Long Term Storage</b>	: 2-8 °C	<b>IR Analysis</b>	: Confirm
<b>Weight Loss By TGA</b>	: 0.364 %	<b><sup>1</sup>H NMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.745 %		

### Additional Information

**%Potency** = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =  
 [100 - (0.364 + 0.745) × 98.00]/100 = 96.51 %

**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