

Analysis Date: 08-06-2024

Re-test Date: 08-06-2027

HYDROCORTISONE EP IMPURITY N

Identification

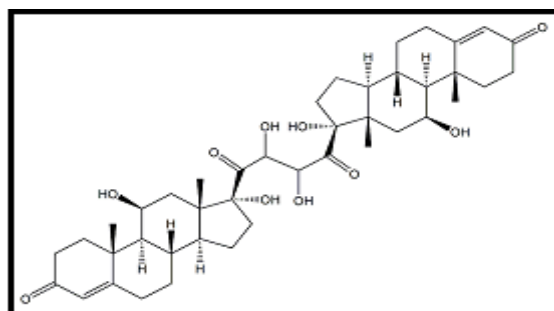
Chemical Name : 11 β ,17,21-Trihydroxy-21-(11 β ,17,21-trihydroxy-3,20-dioxopregn-4-en-21-yl)pregn-4-ene-3,20-dione

CAT No : ALL-H04204

CAS No : N.A

Molecular Formula : C₄₂H₅₈O₁₀

Molecular Weight : 722.9



Analytical Information

Batch Code	: ALL-H04204	HPLC Purity	: 94.24 %
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 92.18 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 1.731 %	¹H NMR	: Confirm
Residue Of Ignition	: 0.446 %		

Additional Information

% Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
[100 - (1.731 + 0.446) × 94.24]/100 = 92.18 %

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

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