

Analysis Date: 03-08-2023

Re-test Date: 03-08-2026

HYDROCORTISONE EP IMPURITY I

Identification

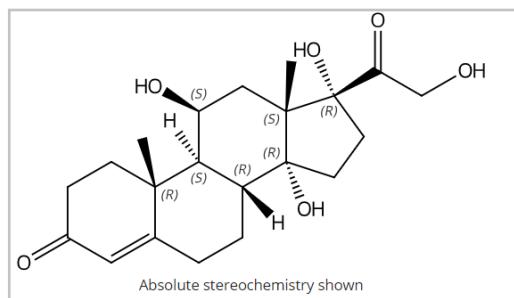
Chemical Name : 11 β ,14,17,21-Tetrahydroxypregn-4-ene-3,20-dione

CAT No : ALL-H04159

CAS No : 103795-84-2

Molecular Formula : C₂₁H₃₀O₆

Molecular Weight : 378.46



Analytical Information

Batch Code	: ALL-H04159	HPLC Purity	: 94.44 %
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 92.35 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 1.344 %	¹H NMR	: Confirm
Residue Of Ignition	: 0.861 %		

Additional Information

% Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
[100 - (1.344+0.861) × 94.44]/100 = 92.35 %

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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