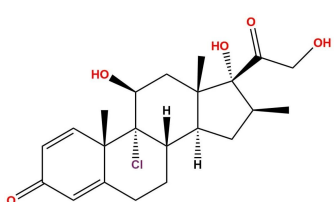


CERTIFICATE OF ANALYSIS

Date: 21-11-2024

Product Name	9-Chloro Betamethasone		
Chemical Name	(8S,9R,10S,11S,13S,14S,16S,17R)-9-Chloro-11,17-dihydroxy-17-(2-hydroxyacetyl)-10,13,16-trimethyl-6,7,8,9,10,11,12,13,14,15,16,17-dodecahydro-3H-cyclopenta[a]phenanthren-3-one		
Structure	 <p>The image shows the chemical structure of 9-Chloro Betamethasone. It is a complex steroid molecule with a four-ring core (three six-membered rings and one five-membered ring). Key features include a chlorine atom at the 9-position, two hydroxyl groups at the 11 and 17 positions, and a 2-hydroxyacetyl group at the 17-position. The structure is shown with stereochemistry indicated by wedges and dashes.</p>		
Inv. Status	-	CAS No.	4419-39-0
Analysis Date	-	Retest Date	-
Mol. Formula	C ₂₂ H ₂₉ ClO ₅	Molecular Wt.	408.9
Long term Storage Condition	Store at 2-8 °C in well closed container		
Handling and Transit Condition	25-30 °C in well closed container		

Test	Result
Appearance	-
Solubility	-
¹ H-NMR	Conforms to structure
MASS	Conforms to structure
Chromatographic Purity	>90%

Note: This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.

	Prepared By	Checked By	Approved By
Signature			
Date			

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