

CERTIFICATE OF ANALYSIS

Date: 13-02-2026

Product Name	Delta-9,11,Betamethasone Sodium Phosphate		
Chemical Name	Sodium 2-((8S,10S,13S,14S,16S,17R)-17-hydroxy-10,13,16-trimethyl-3-oxo-6,7,8,10,12,13,14,15,16,17-decahydro-3H-cyclopenta[a]phenanthren-17-yl)-2-oxoethyl phosphate		
Structure	<p>The chemical structure shows a steroid nucleus with a cyclopenta[a]phenanthrene ring system. It features a hydroxyl group (OH) at position 17, a methyl group (Me) at position 10, and methyl groups (Me) at positions 13 and 16. A phosphate ester side chain is attached to the 2-position of the steroid, consisting of a phosphate group (PO4^3-) linked to a methylene group (CH2) which is further linked to a hydroxyl group (OH) and a sodium cation (Na+).</p>		
Batch No.	-	CAS No.	NA
Analysis Date	-	Retest Date	-
Mol. Formula	C ₂₂ H ₂₇ O ₇ P : 2(Na)	Molecular Wt.	434.4 : 2(23.0)
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	-
1H-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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