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## CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2025

Re-test Date: Dec 2027

**Product Name: Dexamethasone Sodium phosphate**

### Identification:

Chemical Name: Disodium 9-fluoro-11 $\beta$ ,17,21-trihydroxy-16 $\alpha$ -methyl-3,20-dioxopregna-1,4-dien-21-yl phosphate (as per EP); 9-Fluoro-11 $\beta$ ,17,21-trihydroxy-16 $\alpha$ -methylpregna-1,4-diene-3,20-dione 21-(dihydrogen phosphate) disodium salt (as per USP)

Synonyms : Dexamethasone 21-phosphate

CAS Number : 2392-39-4

CAT Number : CP-D105000

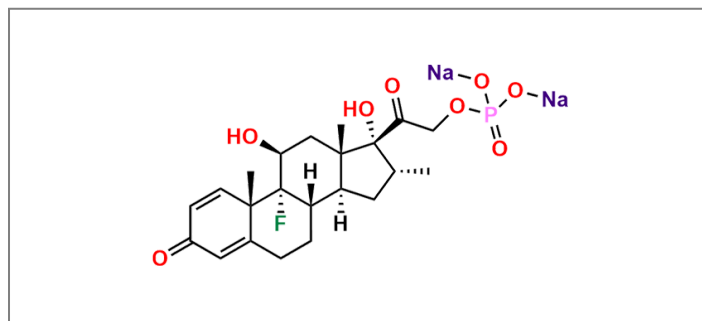
Molecular Formula : C<sub>22</sub>H<sub>28</sub>FNa<sub>2</sub>O<sub>8</sub>P

Molecular Weight : 516.41

Batch Number : CP-DEX-SP-0125

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.23%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to Structure
7)	IR	Confirm to Structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.