

# CERTIFICATE OF ANALYSIS

(Certificate No. KMB062081-01)

Release Date: 27/07/2025

Re-test Date: 26/07/2028

## Betamethasone Sodium Phosphate USPRS

### Identification

**Chemical Name :**

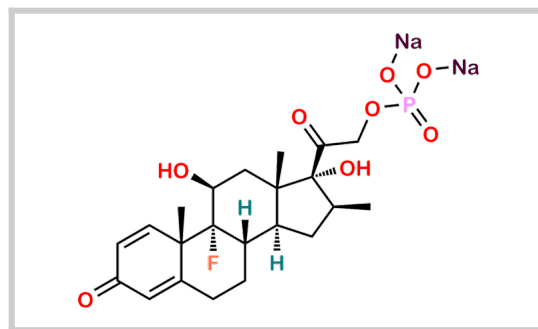
9-Fluoro-11 $\beta$ ,17-dihydroxy-16 $\beta$ -methyl-3,20-dioxopregna-1,4-dien-21-yl disodium phosphate ;

CAT No. : KMB062081

CAS No. : 151-73-5

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

Molecular Weight : 516.4



### Analytical Information

Batch No. : B062081-102-162

Description : White Solid

HPLC Purity : 99.85 %

Weight Loss By TGA : 5.48 %

% Potency : 94.38 %

Solubility : Water

Mass : Confirm

IR : Confirm

<sup>1</sup>H NMR : Confirm

<sup>13</sup>C NMR : Confirm

### Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 5.48(Weight Loss By TGA)] x [99.85(HPLC Purity)]/100 = 94.38 %

USP Catalog No & Lot No :- 1003009 - R16510

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		27/07/2025
Reviewed & Approved By	Quality Control	Jatin Patel		27/07/2025

Attachments : COA, HPLC, MASS, <sup>1</sup>HNMR, <sup>13</sup>CNMR, IR and TGA