

# CERTIFICATE OF ANALYSIS

(Certificate No. SZ-D060001-0955)

Analysis Date: 21/09/2021

Re-test Date: 20/09/2023

## Dexamethasone Sodium Phosphate In House Reference Standard

### Identification

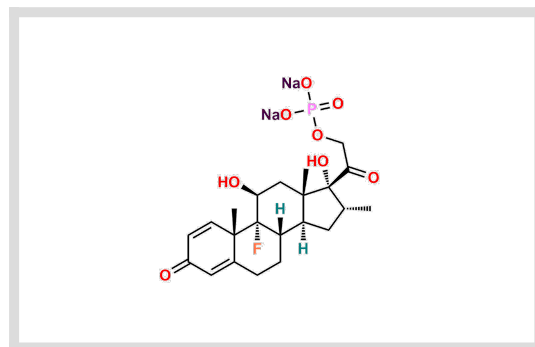
Chemical Name : 9-Fluoro-11-Beta,17-dihydroxy-16-alpha-methyl-3,20-dioxopregna-1,4-dien-21-yl disodium phosphate

CAT No. : SZ-D060001

CAS No. : 2392-39-4

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

Molecular Weight : 516.4



### Analytical Information

Batch Code : SRL-B-474

Solubility : ACN:H<sub>2</sub>O(8:2)

Appearance of product : White Solid

Long Term Storage : 2-8 °C for long term storage

Water Content By KF : 15.87 %

HPLC Purity : 96.73 %

Mass : Confirm

IR Analysis : Confirm

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

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

DEPT Analysis : Confirm

### Additional Information

% Potency = [100 - 15.87 ( Water Content By KF )] X [ 96.73 (HPLC Purity)] / 100 = 81.38 %

Recommendation : Released

Department

Signature

Date

Prepared and Reviewed by	Analytical		
Approved By	Quality Control		

Attachments : HPLC, Mass, <sup>1</sup>H NMR, IR, KF, <sup>13</sup>C NMR, DEPT

Shipping Condition : All Products are stable to be shipped at room temperature, unless otherwise specified.