



## CERTIFICATE OF ANALYSIS

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### 1. Identification

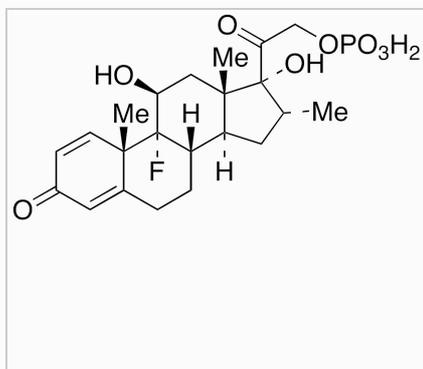
**Catalogue Number:** D298835

**CAS Number:** 312-93-6

**Product:** Dexamethasone Phosphate

**Synonym:** (11 $\beta$ ,16 $\alpha$ )-9-Fluoro-11,17-dihydroxy-16-methyl-21-(phosphonoxy)pregna-1,4-diene-3,20-dione; 9-Fluoro-11 $\beta$ ,17,21-trihydroxy-16 $\alpha$ -methylpregna-1,4-diene-3,20-dione 21-Phosphate; Betnelan Phosphate; Dexamethasone 21-Dihydrogen Phosphate; Dexamethasone 21-Phosphate; Dexamethasone Orthophosphate; Micromethason; Wymesone

**Structure:**



**Molecular Formula:**

C<sub>22</sub>H<sub>30</sub>FO<sub>8</sub>P

**Molecular weight:**

472.44

**Source of Product:**

Synthetic

**Solubility:**

DMSO (Slightly), Methanol (Slightly)

**Lot Number:** 5-ESL-137-1

**Purity:** 96%

**Shipping Condition:** This Product Is Stable To Be Shipped At Room Temperature

**Storage Condition:** -20°C

### 2. Warning

**Warning 1:**

**Warning 2:**

**Warning 3:**

### 3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Light Brown Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
F NMR	Conforms to Structure	Conforms
P NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.23% (240 nm)
MS	Conforms to Structure	Conforms

**Additional Information:** N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of  $\pm 2\%$ . Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

### 4. Signatures

**Reviewed By**

Evan Burns

**Reviewed By**

Toni Rantanen

**C of A Approved  
By**

Chanell Chu

**Test Date**

2/17/2022

**Retest Date**

2/15/2026