



## CERTIFICATE OF ANALYSIS

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### 1. Identification

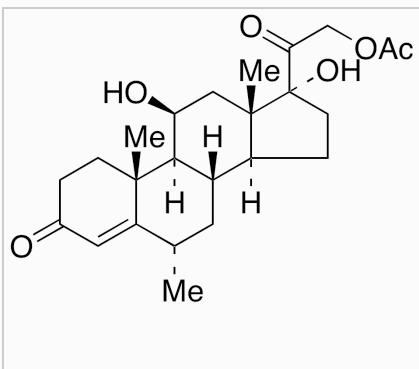
**Catalogue Number:** M312520

**CAS Number:** 1625-11-2

**Product:** 6a-Methyl Hydrocortisone 21-Acetate

**Synonym:** (6 $\alpha$ ,11 $\beta$ )-21-(Acetoxy)-11,17-dihydroxy-6-methylpregn-4-ene-3,20-dione; 17-Hydroxy-6a-methylcorticosterone 21-Acetate; 21-Acetoxy-11 $\beta$ ,17-dihydroxy-6a-

**Structure:**



**Molecular Formula:**

C<sub>24</sub>H<sub>34</sub>O<sub>6</sub>

**Molecular weight:**

418.52

**Source of Product:**

N/A

**Solubility:**

Chloroform (Slightly), DMSO (Slightly), Methanol (Slightly)

**Lot Number:** 14-IHB-169-2

**Purity:** 98%

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

**Storage Condition:** 4°C

### 2. Warning

**Warning 1:** Not Determined

**Warning 2:**

**Warning 3:**

### 3. Analytical Information

<b>Tests:</b>	<b>Specifications:</b>	<b>Results:</b>
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+127.5° (c = 0.1, Chloroform)
HPLC Purity	Report Result	98.93% (245 nm)

**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

<b>Reviewed By</b>	<b>Reviewed By</b>	<b>C of A Approved By</b>	<b>Test Date</b>	<b>Retest Date</b>
Xhoana Gjergji	Neha Khanna	Kevin Saldanha	6/14/2019	6/12/2026

KMS