

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-02-11 14:09:58

Date of Next Testing: 2029-02-10 14:09:58

Product Name: **Hydrocortisone**

CAS Number: 50-23-7

Specifications &amp; Purity: Moligand™, ≥98%

Lot #: B2508322

SKU #: **H110523**Version: **1**Analysis #: **453129**

Storage Temperature: Store at 2-8°C

| Parameter                                              | Limit Values          | Result                |
|--------------------------------------------------------|-----------------------|-----------------------|
| Purity(HPLC)                                           | 98-100 (%)            | 99.46700 %            |
| Melting point                                          | 212-217 (°C)          | 216.30000 °C          |
| Specific Rotation [α] <sub>20/D</sub> (c=1 in Dioxane) | 150-156 (°)           | 155.77700 °           |
| Appearance (H110523)                                   | white powder          | White powder          |
| Infrared spectrum                                      | Conforms to Structure | Conforms to Structure |

John Su  
QA & QC Manager