

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-03-01 13:13:28  
 Date of Next Testing: 2027-03-01 13:13:28  
 Product Name: **Medroxyprogesterone acetate**  
 CAS Number: 71-58-9  
 Specifications & Purity: Moligand™, ≥98%  
 Lot #: B2526263  
 SKU #: **M129409**  
 Version: **0**  
 Analysis #: **471471**  
 Storage Temperature: Store at -20°C

| Parameter                                              | Limit Values                       | Result                             |
|--------------------------------------------------------|------------------------------------|------------------------------------|
| Melting point                                          | 203-209 (°C)                       | 206.65000 °C                       |
| Purity(HPLC)                                           | 98-100 (%)                         | 99.18300 %                         |
| Carbon by Elemental Analysis                           | 72.5-75 (%)                        | 74.60000 %                         |
| Specific Rotation [α] <sub>20</sub> /D(c=1 in Dioxane) | 45-51 (°)                          | 50.45800 °                         |
| Appearance (M129409)                                   | White to off-white Powder or solid | White to Off-White Powder or Solid |



John Su  
QA & QC Manager