

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-20 17:21:48  
 Date of Next Testing: 2025-07-19 17:21:48  
 Product Name: **Fluorometholone**  
 CAS Number: 426-13-1  
 Specifications & Purity: Moligand™, ≥98%(HPLC)  
 Lot #: G2314027  
 SKU #: **F138831**  
 Version: **0**  
 Analysis #: **007463**  
 Storage Temperature: Protected from light

| Parameter                                                        | Limit Values              | Result                    |
|------------------------------------------------------------------|---------------------------|---------------------------|
| Purity(HPLC)                                                     | 98-100 (%)                | 99.59300 %                |
| Specific Rotation [α] <sub>20</sub> /D(c=1 in Pyridine)          | 50-60 (°)                 | 59.98°                    |
| Appearance (F138831)                                             | white to off-white powder | White to Off-White Powder |
| Proton NMR spectrum                                              | Conforms to Structure     | Conforms to Structure     |
| Solubility in Pyridine , Colorless to Faint Yellow,Clear,25mg/ml | pass                      | Pass                      |



John Su  
QA & QC Manager