

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-08-23 10:23:22  
Date of Next Testing: 2026-08-23 10:23:22  
Product Name: **Flumethasone**  
CAS Number: 2135-17-3  
Specifications & Purity:  $\geq 98\%$   
Lot #: K2212497  
SKU #: **F129466**  
Version: **0**  
Analysis #: **403344**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in Dioxane})}$	62-67 (°)	66.54°
UV-vis Spectral Analysis EMM( $\lambda_{\text{max}}$ 239nm in EtOH)	15.9-17	16.78
Purity(HPLC)	98-100 (%)	99.73300%
Appearance (F129466)	White powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in AcOH , Colorless to Faint Yellow Clear(10mg/ml)	Colorless to Faint Yellow Clear(10mg/ml)	Colorless to Faint Yellow Clear(10mg/ml)



John Su  
QA & QC Manager