

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-26 15:03:10

Date of Next Testing: 2026-12-26 15:03:10

Product Name: **Flumethasone**

CAS Number: 2135-17-3

Specifications & Purity: $\geq 98\%$

Lot #: L2419139

SKU #: **F129466**

Version: **0**

Analysis #: **454906**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in Dioxane})$	62-67 (°)	66.54000°
UV-vis Spectral Analysis EMM($\lambda_{\max}$ 239nm in EtOH)	15.9-17	16.78000
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	Colorless to Faint Yellow	Colorless to Faint Yellow
Clear(10mg/ml)	Clear(10mg/ml)	Clear(10mg/ml)



John Su
QA & QC Manager