

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-17 13:57:40

Date of Next Testing: 2024-10-06 13:57:40

Product Name: **Flumequine**

CAS Number: 42835-25-6

Specifications & Purity: $\geq 98\%$

Lot #: J22111092

SKU #: **F131683**

Version: **1**

Analysis #: **135394**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.16000 %
Purity(Neutralization titration)	98-100 (%)	99.29000 %
Specific rotation $[\alpha]_{20/D}$ (0.1g/ml in 0.5 M sodium hydroxide)	-0.10- 0.10 (°)	0.01700 °
Appearance (F131683)	White to Off-White Powder	White to Off-White Powder
Solubility in 1M NH ₄ OH	Colorless to light yellow, Clear, 50 mg/ml	Colorless to light yellow, Clear, 50 mg/ml



John Su
QA & QC Manager