



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-498157
Lot Number: SAMPLE
Product Name: Flumethasone-d3
CAS Number: 2135-17-3 (unlabeled)
Molecular Formula: $C_{22}H_{25}D_3F_2O_5$
Molecular Weight: 413.47

Test	Specification	Result
Appearance	Off-white to pale beige solid	Complies
Identification (NMR)	Conforms to structure	Complies
Identification (19F-NMR)	Conforms to structure	Complies
Identification (Mass Spectrometry)	Conforms to structure	Complies
Isotopic Purity	> 95%	99.3% (d0 = 0.52%)
Purity		98%
Purity (HPLC)		94.51% (240 nm)
Elemental Analysis	Conforms	%C: 63.35 %H: 6.72
Solubility		DMSO (Slightly), Methanol (Slightly)

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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