



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-217959
Lot Number: SAMPLE
Product Name: Cromolyn-d5 Disodium Salt
CAS Number:
Molecular Formula: $C_{23}H_9D_5O_{11} \cdot 2Na$
Molecular Weight: 517.36
Native Source: Synthetic

Test	Specification	Result
Appearance	White to Off-White Solid	White to Off-White Solid
Identification (1H-NMR)	Conforms to structure	Complies
Identification (Mass Spectrometry)	Conforms to structure	Complies
Isotopic Purity	>95%	98.40%
Purity (HPLC)	>95%	99.84%
Purity (TLC)		97%
Elemental Analysis	(Theoretical) %C: 53.40, %H: 2.73	%C: 49.99, %H: 3.06
Solubility		DMSO (Slightly), Methanol (Slightly)
Sodium		8.57% by Ion Chromatography
Water Content		~6.5% based on Elemental Analysis

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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