



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-280926
Lot Number: SAMPLE
Product Name: Loperamide-d6 Hydrochloride
CAS Number: 34552-83-5 (unlabeled)
Molecular Formula: $C_{29}H_{27}D_6ClN_2O_2 \cdot HCl$
Molecular Weight: 519.54
Native Source: Synthetic

Test	Result
Appearance	Off-White Solid
Identification (1H-NMR)	Complies
Identification (Mass Spectrometry)	Complies
Isotopic Purity	99.7%
Purity (TLC)	98%
Atmosphere	Air
Melting Point	143 - 146°C
Solubility	Methanol
Chloride	6.3%

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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