



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-219855
Lot Number: SAMPLE
Product Name: rac Methotrimeprazine-d3 Hydrochloride
CAS Number: 1216745-60-6
Molecular Formula: $C_{19}H_{21}D_3N_2OS \cdot HCl$
Molecular Weight: 367.95
Native Source: Synthetic

Test	Specification	Result
Appearance	Pale beige to light beige solid	Complies
Identification (NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Isotopic Purity	> 95%	99.60%
Purity (TLC)		98%
Carbon Content	62.02%	60.34%
Chloride		8.60% (by Ion Chromatography)
Dichloromethane		~ 2.1%
Hydrogen Content	6.86%	6.80%
Nitrogen Content	7.61%	7.25%

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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