



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-219820
Lot Number: SAMPLE
Product Name: rac Demethyl Citalopram-d3 Hydrochloride
CAS Number:
Molecular Formula: $C_{19}H_{16}D_3FN_2O \cdot HCl$
Molecular Weight: 349.84
Native Source: Synthetic

Test	Result
Appearance	White to Off-White Solid
Identification (FTIR)	Complies
Identification (1H-NMR)	Complies
Identification (19F-NMR)	Complies
Identification (Mass Spectrometry)	Complies
Isotopic Purity	99.7%
Purity (TLC)	98%
Atmosphere	Inert Gas
Elemental Analysis	(Found) %C: 65.57, %H: 6.07, %N: 7.98; (Calculated) %C: 65.23, %H: 5.77, %N: 8.01
Melting Point	90 - 98°C
Solubility	Chloroform (Slightly), Methanol (Slightly)
Chloride	9.9%
Diethyl ether	1.6%

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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