



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-483307
Lot Number: SAMPLE
Product Name: N-Methyl Serotonin-d3 Oxalate Salt
CAS Number: 1134-01-6 (unlabeled)
Molecular Formula: $C_{11}H_{11}D_3N_2O \cdot C_2H_2O_4$
Molecular Weight: 283.29
Native Source: Synthetic

Test	Specification	Result
Appearance	Brown to Black Solid	Black Solid
Identification (NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Isotopic Purity	> 95%	97.8%
Purity		95%
Purity (HPLC)		95.08% (220 nm)
Content		~1.6% Tetrahydrofuran
Carbon Content		52.99%
Hydrogen Content		5.73%
Nitrogen Content		9.75%
oxalate		29.30% by Ion Chromatography

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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