



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-484122
Lot Number: SAMPLE
Product Name: 5-(Methyl-d3)tetrahydrofolic Acid Calcium Salt
CAS Number: 26560-38-3 (unlabeled)
Molecular Formula: $C_{20}H_{22}D_3N_7O_6 \cdot Ca$
Molecular Weight: 502.55

Test	Specification	Result
Appearance		Light brown solid
Identification (1H-NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Isotopic Purity		99.0%
Purity (TLC)		95%
Melting Point		> 229 °C (dec.)
Carbon Content	47.99%	44.52%
Hydrogen Content	4.63%	5.18%
Nitrogen Content	19.59%	18.06%

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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