



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-297967
Lot Number: SAMPLE
Product Name: 1,7-Dimethylxanthine-d6 (dimethyl-d6)
CAS Number: 611-59-6 (unlabeled)
Molecular Formula: $C_7D_6H_2N_4O_2$
Molecular Weight: 186.20

Test	Specification	Result
Appearance	White to off-white powder	White powder
Enrichment	5.85 to 6.15 D per molecule	5.99 D per molecule
¹ H-NMR	Structure and purity verification	Complies
¹³ C-NMR	Structure and purity verification	Complies
LCMS	Consistent with structure	Complies
Purity (HPLC)	≥ 98%	98.2%

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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