



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-218032
Lot Number: SAMPLE
Product Name: D-Neopterin-13C5
CAS Number: 1217632-04-6
Molecular Formula: $C_4(^{13}C)_5H_{11}N_5O_4$
Molecular Weight: 258.18

Test	Specification	Result
Appearance	Light Red to Brown Solid	Light Brown to Brown Solid
Identification (NMR)	Consistent with structure	Complies
Identification (13C-NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Isotopic Purity	> 95%	97.3% (13C0 = 0.23%)
Purity		95%
Specific Rotation		+39.5° (c = 0.2, 1N HCl)
Carbon Content		41.95%
Hydrogen Content		4.48%
Nitrogen Content		26.62%

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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