



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-297966
Lot Number: SAMPLE
Product Name: 1,7-Dimethylxanthine-2,4,5,6-¹³C₄-1,3,9-¹⁵N₃
CAS Number: 1173018-79-5
Molecular Formula: (¹³C)₄C₃H₈(¹⁵N)₃NO₂
Molecular Weight: 187.11

Test	Specification	Result
Appearance	White to off white powder	Off-white powder
Enrichment	≥ 99% (¹³ C)	99%
Enrichment	≥ 98% (¹⁵ N)	99%
Identification (¹ H-NMR)		Complies
Identification (¹³ C-NMR)		Complies
Identification (Mass Spectrometry)		Complies
Purity (HPLC)	≥ 98%	99%

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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