



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-506225
Lot Number: SAMPLE
Product Name: 7-Methylxanthine-2,4,5,6-¹³C₄, 1,3,9-¹⁵N₂ (with variable ¹⁵N labeling at N9)
CAS Number:
Molecular Formula: (¹³C)₄C₇H₈(¹⁵N)₂N₂O₂
Molecular Weight: 172.09

Test	Specification	Result
Appearance	White to off-white powder	White powder
Identification (Mass Spectrometry)	Structure verification	Complies
Isotopic Enrichment	≥ 99 atom% ¹³ C ≥ 98 atom% ¹⁵ N	> 99 atom% > 98 atom%
Purity (HPLC)	≥ 98%	98.1%

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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