



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-215845
Lot Number: SAMPLE
Product Name: Serotonin creatinine sulfate complex
CAS Number: 61-47-2
Molecular Formula: $C_{14}H_{19}N_5O_2 \cdot H_2O_4S \cdot H_2O$
Molecular Weight: 405.43

Test	Specification	Result
Appearance	White to off-white powder	White powder
Purity (TLC)	$\geq 99\%$	99.7%
Solubility	Clear and colorless to faint yellow solution at 50 mg/mL in water	Clear and colorless solution
Carbon Content	42.5 - 44.3% (anhydrous)	43.3%
Nitrogen Content	17.7 - 18.5% (anhydrous)	18.1%
Water Content	$\leq 6.5\%$	4.4%

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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