



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-206898
Lot Number: SAMPLE
Product Name: 4-Hydroxytryptamine Creatinine Sulfate
CAS Number: 55206-11-6
Molecular Formula: $C_{14}H_{21}N_5O_6S$
Molecular Weight: 387.41
Native Source: Synthetic

Test	Specification	Result
Appearance	Pale grey to grey solid	Complies
Identification (NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Purity		96%
Purity (HPLC)	> 95%	99.76% (220 nm)
Carbon Content	43.40%	39.58%
Hydrogen Content	5.46%	5.76%
Nitrogen Content	18.08%	16.15%
Sulfate		23.74% by Ion Chromatography
Water Content		~7.2% based on Elemental Analysis

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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