



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-296431A
Lot Number: SAMPLE
Product Name: Substance P (9-11)
CAS Number: 40297-96-9
Molecular Formula: $C_{13}H_{26}N_4O_3S \cdot HCl$
Molecular Weight: 354.93

Test	Result
Appearance	Off-white crystalline powder with clumps
Assay	86.4% (Nth 17.59, Nfd 15.20%)
Identification (Mass Spectrometry)	M = 317.9u (average mass)
Purity (HPLC)	99.1% (TFA); 98.1% (NaClO ₄)
Solubility	Clear, colorless solution (10 mg/ml Water)
Chloride	10.2% (AgNO ₃ titration)

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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