



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-236512
Lot Number: SAMPLE
Product Name: PTH-tyrosine
CAS Number: 4332-95-0
Molecular Formula: $C_{16}H_{14}N_2O_2S$
Molecular Weight: 298.36

Test	Specification	Result
Appearance	White to faint yellow powder	Faint yellow powder
Purity (TLC)	$\geq 98\%$	> 99%
Solution (Color)	Light yellow to yellow-green at 100 mg/ml in pyridine	Light yellow at 100 mg/ml in pyridine
Solution (Turbidity)	Clear to slightly hazy at 100 mg/ml in pyridine	Slightly hazy at 100 mg/ml in pyridine
Carbon Content	63.0 - 65.0%	64.5%
Nitrogen Content	9.0 - 10.0%	9.3%

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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