



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-356168 S
Lot Number: SAMPLE
Product Name: Thymopentin
CAS Number: 177966-81-3
Molecular Formula: $C_{30}H_{49}N_9O_9$
Molecular Weight: 679.76

Test	Specification	Result
Appearance	White to off-white crystalline powder	White powder
Identification (FTIR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Purity (HPLC)	$\geq 98\%$	99.2%
Melting Point	190 - 198 °C	190 - 198 °C
pH	7.0 - 9.0	7.3
Optical Rotation	-15° – -20°	-16.1°
Acetic Acid	$\leq 0.1\%$	Complies
Water Content (KF)	$\leq 5.0\%$	4.0%

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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