



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-296439
Lot Number: SAMPLE
Product Name: Synephrine Tartrate
CAS Number: 16589-24-5
Molecular Formula: $C_{18}H_{26}N_2O_4 \cdot C_4H_6O_6$
Molecular Weight: 484.50

Test	Specification	Result
Purity (HPLC)	$\geq 98.0\%$	99.8%
Purity (Neutralization Titration)	$\geq 98.0\%$	98.6%
Purity (Nonaqueous Titration)	$\geq 98.0\%$	100.2%
Melting Point	182.0 - 186.0 °C	184.9 °C
Solution (Clarity)	Within almost transparency in water	Transparency in water
Specific Rotation ($\alpha_{20/D}$)	+12.0° - +14.0° (C = 5, H ₂ O)	+13.6°

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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