



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-239646
Lot Number: SAMPLE
Product Name: D-Norepinephrine hydrogen tartrate salt
CAS Number: 636-88-4
Molecular Formula: $C_{12}H_{17}NO_9$
Molecular Weight: 319.26

Test	Specification	Result
Appearance	White to grey powder or crystals	White powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Solubility	Colorless to yellow and clear to very slightly hazy solution at 50 mg/ml in water	Very faint yellow and clear solution at 50 mg/ml in water
Optical Rotation	34 - 40° (c=1%, H ₂ O)	34°
Carbon Content	44.5 - 45.9%	44.8%
Nitrogen Content	4.2 - 4.6%	4.4%

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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