



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-295927
Lot Number: SAMPLE
Product Name: Nicotine Bi-L-(+)-tartrate Dihydrate
CAS Number: 2624-48-8
Molecular Formula: $C_{10}H_{14}N_2 \cdot C_4H_6O_6 \cdot 2H_2O$
Molecular Weight: 462.41

Test	Specification	Result
Purity (HPLC)	$\geq 98.0\%$	99.9%
Purity (Nonaqueous Titration)	98.0 to 102.0% (calcd.on anh.substance)	99.6%
Solubility	Almost transparency in water	Transparency
Specific Rotation ($\alpha_{20/D}$)	+23.0 to +27.0°(C=10, H ₂ O)	+24.6°
Water Content	6.7 to 8.0%	7.1%

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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