



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-203566
Lot Number: SAMPLE
Product Name: Dilazep dihydrochloride
CAS Number: 20153-98-4
Molecular Formula: $C_{31}H_{44}N_2O_{10} \cdot 2HCl$
Molecular Weight: 677.62

Test	Specification	Result
Appearance	White to faint yellow powder	White powder
Identification (NMR)		Consistent with structure
Purity (TLC)	$\geq 98.00\%$	99.50%
Residual Solvents	Ethanol: $\leq 2.00\%$ (NMR)	1.30%
Solubility	Clear and colorless to yellow solution at 49.00 - 51.00 mg/ml in water	Clear and colorless solution at 50.00 mg/ml in water
Carbon Content	54.45 - 55.45% (anhydrous)	55.29%
Chlorine Content	9.96 - 10.96% (anhydrous)	10.13%
Nitrogen Content	3.63 - 4.63% (anhydrous)	3.95%
Water Content (KF)	$\geq 0.00\%$	4.39%

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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