



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-353070
Lot Number: SAMPLE
Product Name: Bevantolol HCl
CAS Number: 42864-78-8
Molecular Formula: $C_{20}H_{27}NO_4 \cdot HCl$
Molecular Weight: 381.89

Test	Specification	Result
Appearance	White or off-white crystalline powder	Complies
Assay (HPLC)	98-102% (Calculated as dry basis)	99.4%
Identification (HPLC)	Conforms to structure	Complies
Identification (Infrared Spectrum)	Conforms to structure	Complies
pH	4.5-6.5	5.0
Residue on Ignition	≤0.1%	0.1%
Solubility	Freely soluble in Methanol; Soluble in Chloroform; Slightly soluble in Ethanol and Water; Almost not soluble in Ethyl acetate	Complies
Heavy Metals	≤20 ppm	Complies
Loss on Drying	≤0.5%	0.3%
Related Substances	Single impurity ≤0.1% Total impurities ≤0.5%	0.02% 0.03%
Chloridion	8.8-9.8%	9.3%
Solvent residue	Methanol ≤0.3% Ethanol ≤0.5% Ethyl acetate ≤0.5%	0.01% 0.01% Not detected

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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