



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-202731
Lot Number: SAMPLE
Product Name: Nicardipine hydrochloride
CAS Number: 54527-84-3
Molecular Formula: $C_{26}H_{29}N_3O_6 \cdot HCl$
Molecular Weight: 515.98

Test	Specification	Result
Appearance	Light yellow solid	Yellow solid
Identification (Infrared Spectrum)	Consistent with standard reference	Complies
Purity	98% - 102%	100.93%
Residue on Ignition	$\leq 0.1\%$	0.07%
Solubility	Soluble in DMSO (1 mg/ml), ethanol: water 25: 75 - 70: 30, propylene glycol, or methanol; slightly soluble in acetone, 100% ethanol, chloroform and water; insoluble in 0.1 M NaOH.	Complies
Heavy Metals	≤ 20 ppm	Complies
Loss on Drying	$\leq 0.5\%$	0.3%
Organic Impurities	≤ 100 ppm of dichloromethane	Complies

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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