



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-207438
Lot Number: SAMPLE
Product Name: Cinacalcet Hydrochloride
CAS Number: 364782-34-3
Molecular Formula: $C_{22}H_{23}ClF_3N$
Molecular Weight: 393.87

Test	Specification	Result
Appearance	White to off-white crystalline powder	Complies
Identification (HPLC)	Consistent with structure	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (HPLC)	98% - 102 %	99.87%
Melting Point	176 °C - 180 °C	179.7 °C - 180.1 °C
Residue on Ignition	≤0.1%	0.02%
Heavy Metals	≤20 ppm	Complies
Loss on Drying	≤1.0%	0.05%
Related Substances	Single impurity ≤0.1% Total impurities ≤0.5%	0.062% 0.13%
Water Content	≤0.5%	Negative

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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