



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-212521
Lot Number: SAMPLE
Product Name: Palonosetron Hydrochloride
CAS Number: 135729-62-3
Molecular Formula: $C_{19}H_{25}ClN_2O$
Molecular Weight: 332.87

Test	Specification	Result
Appearance	White to off-white powder	Complies
Assay (Dried Basis)	$\geq 99\%$	99.30%
Identification (Infrared Spectrum)	Consistent with structure	Complies
pH	4.5 - 6.0	5.3
Residue on Ignition	$\leq 0.2\%$	0.08%
Specific Rotation	$-97^\circ - -103^\circ$	-98.5°
Heavy Metals	≤ 10 ppm	Complies
Loss on Drying	$\leq 0.5\%$	0.26%
Related Substances	$\leq 0.5\%$	0.18%
Single Impurity	$\leq 0.2\%$	0.06%
n-Hexane	$\leq 0.02\%$	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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