



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-205788
Lot Number: SAMPLE
Product Name: Palmatine Chloride Hydrate
CAS Number: 171869-95-7
Molecular Formula: $C_{21}H_{22}NO_4 \cdot Cl \cdot xH_2O$
Molecular Weight: 387.86 (anhydrous)

Test	Specification	Result
Appearance	Yellow needle crystal, powder	Complies
Odor	Odorless	Complies
Assay (Dried Basis)	$\geq 95.0 \%$	97.08 %
Identification	As Stipulated	Complies
Melting Point	198.0 - 201.0 °C	199.2 - 200.6 °C
Residue on Ignition	$\leq 0.1 \%$	0.2 %
Heavy Metals	≤ 20 ppm	Complies
Loss on Drying	$\leq 15.0 \%$	11.76 %

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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