



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-205778
Lot Number: SAMPLE
Product Name: Ondansetron hydrochloride dihydrate
CAS Number: 99614-01-4
Molecular Formula: $C_{18}H_{19}N_3O_2 \cdot H_2O \cdot HCl$
Molecular Weight: 365.86

Test	Specification	Result
Appearance	White or off-white crystalline powder	Complies
Assay	98.0%-102.0%	99.78%
Solubility	Sparingly soluble in water and in alcohol, Soluble in methanol, slightly soluble in isopropyl Alcohol conforms and dichloromethane, very slightly soluble in Acetone, in chloroform and in ethyl acetate.	Complies
Single Impurity	≤0.40% (TLC max)	0.20%
Single Impurity	≤0.20% (Other)	0.11%
Total Impurities	≤0.50%	0.22%
Ethanol	≤5000ppm	2800ppm
Imidazole	≤0.20%	0.05%
Impurity A	≤0.20%	0.04%
Impurity C	≤0.20% (HPLC)	0.04%
Sulfated Ash	≤0.1%	0.02%
Water Content	9.0%-10.5%	10.0%

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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