



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-202990
Lot Number: SAMPLE
Product Name: Ceftriaxone Hydrochloride
CAS Number: 103980-44-5
Molecular Formula: $C_{19}H_{17}N_5O_7S_3 \cdot HCl$
Molecular Weight: 560.02

Test	Specification	Result
Appearance	White to off-white crystalline powder	Complies
Assay (Dried Basis)	$\geq 98\%$	98.7%
Identification	As stipulated	Complies
Purity (HPLC)		94.2%
pH	2.0 - 3.0	2.2
Residue on Ignition	$\leq 0.5\%$	0.1%
Specific Rotation	- 65 °C - -73 °C	- 68 °C
Loss on Drying	$\leq 4.0\%$	2.6%
Total of Bacteria	≤ 80 CFU/g	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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