



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-205785
Lot Number: SAMPLE
Product Name: Oxytetracycline Hydrochloride
CAS Number: 2058-46-0
Molecular Formula: $C_{22}H_{24}N_2O_9 \cdot HCl$
Molecular Weight: 496.93

Test	Specification	Result
Appearance	Yellow crystalline powder	Complies
Identification	As stipulated	Complies
Purity (UHPLC)		96.4%
pH	2.3 - 2.9	2.5
Absorbance	270 - 290	272
Specific Rotation	-188.0 to -200.0 °	-190.0°
Heavy Metals	≤ 50 ppm	Complies
Related Substances	≤ 0.50 %	Complies
Impurity A	≤ 0.50	0.42
Impurity B	≤ 0.20	0.10
Sulfated Ash	≤ 0.50 %	0.10 %
Water Content	≤ 2.0 %	1.1 %

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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