



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-205858
Lot Number: SAMPLE
Product Name: Tetracycline
CAS Number: 60-54-8
Molecular Formula: $C_{22}H_{24}N_2O_8$
Molecular Weight: 444.43

Test	Specification	Result
Appearance	Yellow crystal powder	Complies
Identification	Positive reaction	Complies
Purity (HPLC)	$\geq 90.0\%$	91.8%
Absorption Index	390 - 420	399
Acidity	3.0 - 7.0 (pH)	4.64 (pH)
Heavy Metals	≤ 50 ppm	< 40 ppm
Impurity	≤ 0.54	0.25
Loss on Drying	$\leq 10.0\%$	8.36%

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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