



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-204868
Lot Number: SAMPLE
Product Name: Prulifloxacin
CAS Number: 123447-62-1
Molecular Formula: $C_{21}H_{20}FN_3O_6S$
Molecular Weight: 461.5

Test	Specification	Result
Appearance	White to yellow crystalline solid	Light yellow crystalline solid
Identification (Infrared Spectrum)	Consistent with standard reference	Complies
Purity	$\geq 98\%$	99.28%
Residue on Ignition	$\leq 0.1\%$	0.089%
Solubility	Slightly soluble in dimethyl formamide, 0.1 M NaOH or glacial acetic acid; insoluble in water or methanol	Complies
Heavy Metals (ICP)	≤ 20 ppm	Complies
Loss on Drying	$\leq 1.0\%$	0.61%

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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