



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-203101
Lot Number: SAMPLE
Product Name: Lansoprazole
CAS Number: 103577-45-3
Molecular Formula: $C_{16}H_{14}F_3N_3O_2S$
Molecular Weight: 369.36

Test	Specification	Result
Appearance	White to pink powder	Off-white powder
Purity (TLC)	$\geq 98.0\%$	100.0%
Solubility	Faint yellow to pink clear to slightly hazy solution in methanol at 25 mg/ml	Almost colorless clear (< 3.5 NTU) solution in methanol at 25 mg/ml
Carbon Content	50.7 - 53.3%	51.86%
Hydrogen Content	3.52 - 4.12	3.92%
Nitrogen Content	11.0% - 11.7%	11.24%

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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