



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-218660
Lot Number: SAMPLE
Product Name: Lomefloxacin, Hydrochloride
CAS Number: 98079-52-8
Molecular Formula: $C_{17}H_{19}F_2N_3O_3 \cdot HCl$
Molecular Weight: 387.81

| Test | Result |
|------------------------------------|------------------------------------|
| Appearance | White to yellow solid |
| Identification (Infrared Spectrum) | Consistent with structure |
| Purity (HPLC) | 99.0% (anhydrous basis) |
| pH | 4.0 |
| Residue on Ignition | 0.07% |
| Solubility | Clear solution (50 mg/mL 1 M NaOH) |
| Heavy Metals | $\leq 0.002\%$ |
| Loss on Drying | 0.28% |
| Related Substances | 0.63% |

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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