

---

**Certificate of Analysis**

---

Product Name: Clinafloxacin (hydrochloride)  
Cat. No.: GC13259  
Batch No.: 1  
Chemical Name: 7-(3-amino-1-pyrrolidiny)-8-chloro-1-cyclopropyl-6-fluoro-1,4-dihydro-4-oxo-3-quinolinecarboxylic acid

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 105956-99-8  
Molecular Formula:  $C_{17}H_{17}ClFN_3O_3 \cdot HCl$   
Molecular Weight: 402.3  
Storage: Store at -20°C  
Chemical Structure:

**ANALYTICAL DATA**

Appearance: solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >98%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

---