

## Certificate of Analysis

Date of Testing: 2025-04-02 13:30:17

Date of Next Testing: 2029-04-01 13:30:17

Product Name: **Pefloxacin mesylate dihydrate**

CAS Number: 149676-40-4

Specifications & Purity:  $\geq 99\%$

Lot #: D2501696

SKU #: **P102019**

Version: **0**

Analysis #: **339119**

Storage Temperature: Store at 2-8°C

| Parameter                                                                            | Limit Values                             | Result                                   |
|--------------------------------------------------------------------------------------|------------------------------------------|------------------------------------------|
| Purity                                                                               | 99-100 (%)                               | 99.50 %                                  |
| Water by Karl Fischer                                                                | 6.5-10 (%)                               | 6.50 %                                   |
| Appearance (P102019)                                                                 | White to Light Yellow Powder or Crystals | White to Light Yellow Powder or Crystals |
| Proton NMR spectrum                                                                  | Conforms to Structure                    | Conforms to Structure                    |
| Solubility in H <sub>2</sub> O , Colorless to light yellow transparent solution , 50 | pass                                     | Pass                                     |



John Su  
QA & QC Manager