

## Certificate of Analysis

Date of Testing: 2024-08-22 13:53:05

Date of Next Testing: 2026-08-22 13:53:05

Product Name: **nalidixic acid sodium salt**

CAS Number: 3374-05-8

Specifications & Purity: 98%

Lot #: K2202357

SKU #: **N136559**

Version: **0**

Analysis #: **402940**

Storage Temperature: Store at -20°C

| Parameter                                                                          | Limit Values              | Result                    |
|------------------------------------------------------------------------------------|---------------------------|---------------------------|
| Purity(Titration by HClO <sub>4</sub> )                                            | 97.5-102.5 (%)            | 101.40 %                  |
| Sodium(Na)                                                                         | 8.7-9.3 (%)               | 8.70 %                    |
| Water by Karl Fischer(1M/M)                                                        | 0-7 (%)                   | 6.90 %                    |
| Appearance (N136559)                                                               | White to Off-White Powder | White to Off-White Powder |
| Proton NMR spectrum                                                                | Conforms to Structure     | Conforms to Structure     |
| Solubility in H <sub>2</sub> O , Clear,Very Faint Yellow to Yellow,Clear,100 mg/mL | pass                      | Pass                      |



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