

## Certificate of Analysis

Date of Testing: 2023-04-03 16:57:11

Date of Next Testing: 2025-04-02 16:57:11

Product Name: **Nigericin sodium salt**

CAS Number: 28643-80-3

Specifications & Purity: 98%

Lot #: C23211076

SKU #: **N102401**

**Analysis:** **096219**

Storage Temperature: Store at -20°C, Argon charged

| Parameter                                                             | Limit Values           | Result                 |
|-----------------------------------------------------------------------|------------------------|------------------------|
| Specific Rotation [α] <sub>20</sub> /D(10mg/ml in CHCL <sub>3</sub> ) | 3-4 (°)                | 3.50°                  |
| Carbon by Elemental Analysis                                          | 63.84-64.84 (%)        | 64.11 %                |
| Purity(As C)                                                          | 98-100 (%)             | 99.94 %                |
| Appearance (N102401)                                                  | White to Yellow Powder | White to Yellow Powder |
| LC-MS for identification                                              | Conforms               | Conforms               |
| Proton NMR spectrum                                                   | Conforms to Structure  | Conforms to Structure  |
| ICP:Confirms Sodium Component                                         | Confirmed              | Confirmed              |



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