

Certificate of Analysis

Date of Testing: 2025-08-01 14:25:31
Date of Next Testing: 2027-08-01 14:25:31
Product Name: **Nigericin sodium salt**
CAS Number: 28643-80-3
Specifications & Purity: $\geq 98\%$
Lot #: G2525418
SKU #: **N102401**
Version: **1**
Analysis #: **442560**
Storage Temperature: Store at -20°C , Argon charged

| Parameter | Limit Values | Result |
|---|------------------------|------------------------|
| Specific Rotation $[\alpha]_{20/D}(10\text{mg/ml in CHCl}_3)$ | 3-4 ($^{\circ}$) | 3.01 $^{\circ}$ |
| Carbon by Elemental Analysis | 63.84-64.84 (%) | 63.84 % |
| Purity(As C) | 98-100 (%) | 99.01 % |
| Appearance (N102401) | White to Yellow Powder | White to Yellow Powder |
| ICP:Confirms Sodium Component | Confirmed | Confirmed |
| LC-MS for identification | Conforms | Conforms |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager