

Certificate of Analysis

Date of Testing: 2025-06-17 16:07:49
Date of Next Testing: 2027-06-17 16:07:49
Product Name: **Nigericin sodium salt**
CAS Number: 28643-80-3
Specifications & Purity: $\geq 98\%$
Lot #: H2324239
SKU #: **N102401**
Version: **1**
Analysis #: **524896**
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 ($^{\circ}$)	3.00 $^{\circ}$
Carbon by Elemental Analysis	63.84-64.84 (%)	64.20 %
Purity(As C)	98-100 (%)	99.50 %
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



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QA & QC Manager