

Certificate of Analysis

Date of Testing: 2024-11-21 16:42:54

Date of Next Testing: 2026-11-21 16:42:54

Product Name: **Nigericin sodium salt**

CAS Number: 28643-80-3

Specifications & Purity: $\geq 98\%$

Lot #: K2419118

SKU #: **N102401**

Version: **1**

Analysis #: **261279**

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 ($^{\circ}$)	3.50 $^{\circ}$
Carbon by Elemental Analysis	63.84-64.84 (%)	64.22 %
Purity(As C)	98-100 (%)	99.54 %
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