

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-12 18:09:18
 Date of Next Testing: 2027-01-11 18:09:18
 Product Name: **Valinomycin**
 CAS Number: 2001-95-8
 Specifications & Purity: $\geq 98\%$ (TLC), $\geq 95\%$ (HPLC)
 Lot #: A2310203
 SKU #: **V100895**
 Version: **0**
 Analysis #: **174732**
 Storage Temperature: Protected from light, Store at -20°C

Parameter	Limit Values	Result
Purity(TLC)	98-100 (%)	99.00000 %
Melting point	186-191 ($^{\circ}\text{C}$)	187.80000 $^{\circ}\text{C}$
Purity(HPLC)	95-100 (%)	98.07000 %
Specific Rotation $[\alpha]_{20/D}(c=1.6 \text{ in benzene})$	30-34 ($^{\circ}$)	30.20000 $^{\circ}$
Appearance (V100895)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager