

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-08 08:55:48

Date of Next Testing: 2028-08-07 08:55:48

Product Name: **Valinomycin**

CAS Number: 2001-95-8

Specifications & Purity: $\geq 98\%$ (TLC), $\geq 95\%$ (HPLC)

Lot #: G2430452

SKU #: **V100895**

Version: **0**

Analysis #: **385462**

Storage Temperature: Protected from light, Store at -20°C

Parameter	Limit Values	Result
Purity(TLC)	98-100 (%)	99.00000 %
Melting point	186-191 (°C)	187.50000 °C
Purity(HPLC)	95-100 (%)	98.64000 %
Specific Rotation [α] _{20/D} (c=1.6 in benzene)	30-34 (°)	31.82000 °
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