

Certificate of Analysis

PRODUCT:	Valinomycin Potassium ionophore C₅₄H₉₀N₆O₁₈, M.W. 1111.4, CAS# [2001-95-8]
PRODUCT NUMBER:	V-1013
LOT NUMBER:	L1344
APPEARANCE:	White crystalline powder
SOLUBILITY:	Soluble in Acetic Acid, CHCl ₃ , DMSO or Ether.
IDENTITY (IR, ATR):	Conforms
MELTING POINT:	190°C
HPLC ASSAY (area %):	97%
HPLC (RELATIVE RESPONSE RATIO):	1.0
SPECIFIC ROTATION:	+31° (1.6% in benzene)
SODIUM:	5.3ppm
POTASSIUM:	3.1ppm
WATER CONTENT:	0.3% w/w
DSC:	No pre-melt dip
STORAGE & HANDLING:	Store at +4°C. <u>WARNING: HIGHLY TOXIC!</u> CAUTION: For laboratory research & scientific manufacturing use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: KS

