



CERTIFICATE of ANALYSIS

PRODUCT: **Pseudomonic acid**
[Mupirocin; Bactroban; Eismycin; Antibiotic BRL 4910A; Antibiotic Y 11633],
C₂₆H₄₄O₉, M.W. 500.6, CAS# [12650-69-0]

PRODUCT NUMBER: P-1639

LOT NUMBER: B1956

APPEARANCE: White solid

SOLUBILITY: Soluble in methanol, ethanol, DMF or DMSO. Limited water solubility.

PURITY: > 95%

SOURCE: *Pseudomonas fluorescens* MST-AS5326

DESCRIPTION: Pseudomonic acid is a potent antibiotic produced by *Pseudomonas fluorescens* reported by Fuller et al. in 1971. Pseudomonic acid has broad spectrum activity against Gram positive bacteria and was approved for topical human use in 1985. Pseudomonic acid acts as a potent and selective inhibitor of isoleucyl-tRNA synthetase.

STORAGE & HANDLING: Store at -20°C.

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: DD