

## CERTIFICATE OF ANALYSIS

**PRODUCT:** **7-Aminoactinomycin D; 7-AAD**  
Semisynthetic material, derived from Actinomycin D;  
C<sub>62</sub>H<sub>87</sub>N<sub>13</sub>O<sub>16</sub>, M.W. 1270.4, CAS# [7240-37-1]

**PRODUCT NUMBER:** A-1132

**LOT NUMBER:** D1016

**APPEARANCE:** Purple powder

**SOLUBILITY:** DMSO: Clear purple solution at 20mg/ml

**PURITY (TLC):** 99% (NP, EtOAc, acetone 9:1)  
*Detection: Spray with H<sub>2</sub>SO<sub>4</sub> and heat* 99% (NP, MDC, methanol 95:5)  
99% (RP C18, methanol, H<sub>2</sub>O 9:1)

**PURITY (HPLC):** > 99% (254nm)

**MELTING POINT:** 258 - 260°C

**EXTINCTION COEFFICIENT:** 29744 (methanol)

**STORAGE & HANDLING:** Keep cool and dry at -20°C.  
**PROTECT FROM LIGHT! HYGROSCOPIC!**  
**WARNING: VERY TOXIC! CARCINOGENIC!**

CAUTION: For research 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:

