

## CERTIFICATE OF ANALYSIS

PRODUCT:	<b>7-Aminoactinomycin D; 7-AAD</b> 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:	G1303A
APPEARANCE:	Purple crystalline powder
SOLUBILITY:	DMSO: Clear purple solution at 20mg/ml
PURITY (TLC):	> 98% (NP, EtOAc, acetone 9:1) > 98% (NP, CH <sub>2</sub> Cl <sub>2</sub> , methanol 95:5) > 99% (RP C18, methanol, H <sub>2</sub> O 9:1)
Detection: Spray with H <sub>2</sub> SO <sub>4</sub> and heat	
PURITY (HPLC):	98.7% (254nm)
MELTING POINT:	260 - 262°C
UV ANALYSIS:	Extinction coefficient 26289 (methanol)
STORAGE & HANDLING:	Keep cool and dry at -20°C. <b>PROTECT FROM LIGHT! HYGROSCOPIC!</b> <b><u>WARNING</u>: VERY TOXIC! CARCINOGENIC!</b>

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: KLS