

Catalog Number A1310  
Product Name 7-aminoactinomycin D (7-AAD)  
CAS Number / Name 7240-37-1 / Actinomycin D, 7-amino-  
Molecular Formula  $C_{62}H_{87}N_{13}O_{16}$   
Molecular Weight 1270.45  
Appearance red solid  
Lot Number 1696376

	LOT DATA	SPECIFICATION
<b>Absorption</b> <sup>1</sup>		
Maximum	523 nm	522 ± 3 nm
Extinction	28400 cm <sup>-1</sup> M <sup>-1</sup>	27500 ± 3000 cm <sup>-1</sup> M <sup>-1</sup>
<b>Fluorescence</b> <sup>1</sup>		
Emission Maximum	646 nm	646 ± 4 nm
<b>HPLC</b>		
Purity	95 % at 254 nm	≥ 92 % at 254 nm
<b>Miscellaneous Information</b>		
Material Lot Number	1229999	N/A

1. Solvent: Methanol.

Rachel Smith, Ph.D., Quality Assurance

09-Apr-2013

Life Technologies Corporation, on behalf of its Invitrogen business, Molecular Probes® labeling and detection technologies, certifies on the date above that this is an accurate record of the analysis of the subject lot and that the data conform to the specifications in effect for this product at the time of analysis.