



## CERTIFICATE OF ANALYSIS

**Catalog Number** C012  
**Product Name** 7-aminoactinomycin D (7-AAD)  
**CAS Number** 7240-37-1  
**Molecular Formula** C<sub>62</sub>H<sub>87</sub>N<sub>13</sub>O<sub>16</sub>  
**Molecular Weight** 1270.45  
**Appearance** red solid  
**Lot Number** AB4071B

	LOT DATA	SPECIFICATION
<b>Absorption</b> <sup>1</sup> Maximum Extinction	523 nm 27400 cm <sup>-1</sup> M <sup>-1</sup>	522 ± 3 nm 27500 ± 3000 cm <sup>-1</sup> M <sup>-1</sup>
<b>Fluorescence</b> <sup>1</sup> Emission Maximum	645 nm	646 ± 4 nm
<b>HPLC</b> Purity	92% at 254 nm	≥ 90% at 254 nm
<b>NMR</b> Result	meets specification	consistent with structure

1. Solvent: Methanol.