



## CERTIFICATE OF ANALYSIS

**Catalog Number** C008  
**Product Name** propidium iodide, 1 mg/mL solution in water  
**CAS Number** 25535-16-4  
**Molecular Formula**  $C_{27}H_{34}I_2N_4$   
**Molecular Weight** 668.4  
**Appearance** purple solution  
**Lot Number**

	LOT DATA	SPECIFICATION
<b>Absorption</b> <sup>1</sup> Maximum	494 nm	493 ± 3 nm
<b>Fluorescence</b> <sup>1</sup> Emission Maximum	632 nm	635 ± 4 nm
<b>HPLC</b> Purity	95 % at 254 nm	≥ 92 % at 254 nm
<b>NMR</b> Result	meets specification	consistent with structure

1. Solvent: Buffer, 50 mM potassium phosphate, pH 7.