

**Catalog Number** S7572  
**Product Name** SYTO® Green Fluorescent Nucleic Acid Stain Sampler Kit \*SYTO® dyes 11-14,16,21,24, and 25\* \*50 µL each\*  
**Lot Number** 1881434

	LOT DATA	SPECIFICATION
<b>ABSORPTION</b> Optical Density of Component A <sup>1</sup>	0.83 at 502 nm	0.82 ± 0.05 at 502 nm ± 3 nm
<b>ABSORPTION</b> Optical Density of Component B <sup>2</sup>	0.83 at 467 nm	0.80 ± 0.08 at 465 nm ± 3 nm
<b>ABSORPTION</b> Optical Density of Component C <sup>3</sup>	0.67 at 481 nm	0.66 ± 0.04 at 481 nm ± 3 nm
<b>ABSORPTION</b> Optical Density of Component D <sup>1</sup>	0.74 at 512 nm	0.70 ± 0.04 at 512 nm ± 3 nm
<b>ABSORPTION</b> Optical Density of Component E <sup>4</sup>	0.46 at 487 nm	0.49 ± 0.03 at 487 nm ± 3 nm
<b>ABSORPTION</b> Optical Density of Component F <sup>3</sup>	0.48 at 490 nm	0.47 ± 0.04 at 490 nm ± 3 nm
<b>ABSORPTION</b> Optical Density of Component G <sup>1</sup>	0.69 at 485 nm	0.72 ± 0.04 at 485 nm ± 3 nm
<b>ABSORPTION</b> Optical Density of Component H <sup>1</sup>	0.55 at 509 nm	0.57 ± 0.04 at 509 nm ± 3 nm

1. Solvent: Methanol (501x dilution).
2. Buffer: 50 mM potassium phosphate buffer, pH 7 (201x dilution).
3. Buffer: 50 mM potassium phosphate buffer, pH 7 (501x dilution).
4. Buffer: 50 mM potassium phosphate buffer, pH 7 (101x dilution).



Rachel Smith, Quality Assurance Manager  
31-May-2017

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.