

Catalog Number	F8848
Product Name	FluoSpheres™ sulfate microspheres, 0.2 μ m, yellow-green fluorescent (505/515) *2% solids*
Appearance	yellow suspension
Medium	distilled water, 2 mM sodium azide
Concentration	3.4×10^{12} particles/mL
Lot Number	2738362

SONICATE WELL BEFORE USE. STORE AT 2° - 8° C, DO NOT FREEZE

	LOT DATA	SPECIFICATION
FLUORESCENCE		
Emission Maximum	514 nm	515 ± 5 nm
Relative Quantum Yield ¹	0.18	≥ 0.17
MICROSCOPY		
Inspection	meets specification	few or no aggregates detectable after sonication
TECHNICAL DATA²		
Actual Particle Size	0.22 ± 0.0068 μ m	n.a.
Charge	0.0061 meq/g	n.a.
Density of Polystyrene	1.055 g/cm ³	n.a.
Specific Surface Area	2.6×10^5 cm ² /g	n.a.
MISCELLANEOUS INFORMATION²		
Material Lot Number	2740284	n.a.

1. Relative to a solution in methanol of the dye used to prepare this product

2. Technical data for the unstained microspheres.



Zach Luedtke, Quality Assurance Manager
29-Aug-2023

Life Technologies Corporation 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.