

**Catalog Number** Q21721MP  
**Product Name** Qdot® 655 ITK™ organic quantum dots \*1 µM solution\* \*Qdot® 655 VIVID\*  
**Appearance** red suspension  
**Medium** decane  
**Lot Number** 2342857

STORE AT 2 - 8°C, DO NOT FREEZE

	LOT DATA	SPECIFICATION
<b>ABSORBANCE</b> Concentration	1.0 µM	0.9 - 1.1 µM
<b>FLUORESCENCE</b> Emission Maximum	654 nm	655 ± 4 nm
Quantum Yield	87%	≥64%
Full Width at Half Maximum	28 nm	≤34 nm
<b>MISCELLANEOUS INFORMATION</b> Material Lot Number	2347396	n.a.



Rachel Smith, Quality Assurance Manager  
 27-Apr-2021

*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.*