

**Catalog Number** Q10171MP  
**Product Name** Qdot® 800 streptavidin conjugate \*1 µM solution\*  
**Appearance** brown suspension  
**Medium** 1 M betaine, 50 mM borate, pH 8.3 with 0.05% sodium azide  
**Lot Number** 2246258

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	792 nm	795 ± 10 nm
Quantum Yield	61%	≥16%
Full Width at Half Maximum	92 nm	≤100 nm
<b>MICROSCOPY</b> Immunocytochemistry	meets specification	This product has been tested in a typical immunolabeling application in accordance with the Product Information Sheet. The product performed as expected.
<b>SPECIFIC ACTIVITY</b> Immunosorbent Assay Titration	meets specification	performs against a biotin-labeled substrate
<b>MISCELLANEOUS INFORMATION</b> Material Lot Number	2024787	n.a.



Rachel Smith, Quality Assurance Manager  
 10-Jul-2020

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.