

**Catalog Number** C10094  
**Product Name** CellTracker™ Violet BMQC (2,3,6,7-tetrahydro-9-bromomethyl-1*H*,5*H*-quinolizino(9,1-*gh*)coumarin)  
**Molecular Formula** C<sub>16</sub>H<sub>16</sub>BrNO<sub>2</sub>  
**Molecular Weight** 334.21  
**Appearance** brown solid  
**Lot Number** 1291447

	LOT DATA	SPECIFICATION
<b>Absorption</b> <sup>1</sup> Maximum Extinction	414 nm 16700 cm <sup>-1</sup> M <sup>-1</sup>	412 ± 3 nm 16000 ± 1100 cm <sup>-1</sup> M <sup>-1</sup>
<b>Fluorescence</b> <sup>1</sup> Emission Maximum	491 nm	490 ± 4 nm
<b>HPLC</b> Purity	92 % at 254 nm	≥ 90 % at 254 nm
<b>HPLC</b> <sup>2</sup> Result	meets specification	corresponds to expected molecular weight
<b>NMR</b> Result	meets specification	consistent with structure
<b>Miscellaneous Information</b> Material Lot Number	1274937	n.a.

1. Solvent: Methanol.

2. Method: Standard LCMS.

*Betty Wood*

Betty Wood, Quality Assurance Manager

11-Dec-2012

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.