

## Certificate of Analysis

**Product Name:** CalFluor 647 Azide  
**Catalog Number:** 1372  
**Lot Number:** 2445  
**Chemical Composition:** C<sub>43</sub>H<sub>66</sub>N<sub>7</sub>O<sub>10</sub>S<sub>2</sub>Si(protonated)  
**Molecular Weight:** 993.24 (protonated)  
**Appearance:** Dark blue amorphous solid to oil  
**Storage:** Upon receipt store at -20°C

	Lot Data	Specification
Purity		
HPLC, 254	>90%	80%
Azide-reactivity test <sup>1</sup>	>90%	90%

<sup>1</sup> reaction with excess of DBCO-Amine



11-October-2018

Andrei Polukhtin, Quality Assurance Manager

Click Chemistry Tools certifies on the date above that this is an accurate record of the analysis of the above mentioned lot and that this lot met all product specifications at the time of analysis.