

# CERTIFICATE OF ANALYSIS

## Product Identification

|                           |  |
|---------------------------|--|
| <b>Product Name</b>       | Flamma <sup>®</sup> 675 Isothiocyanate |
| <b>Catalog Number</b>     | KWI1515                                |
| <b>Packing Unit</b>       | 1 mg                                   |
| <b>Appearance</b>         | Blue Solid                             |
| <b>Storage Conditions</b> | Protect from Light at -20 °C           |
| <b>Lot Number</b>         | AQF00106                               |
| <b>Molecular Weight</b>   | 1028 g/mol                             |
| <b>Soluble in</b>         | DMF                                    |

## Product Analysis

|   |               |                                    |
|---|---------------|------------------------------------|
| <b>Absorption * - Maximum</b>             | Lot Data      | 675 nm                             |
|   | Specification | 675 ± 3 nm                         |
| <b>Emission * - Maximum</b>               | Lot Data      | 690 nm                             |
|   | Specification | 691 ± 4 nm                         |
| <b>Extinction Coefficient * at 675 nm</b> | Lot Data      | 132,000 /cm·M                      |
|   | Specification | ≥ 118,000 /cm·M                    |
| <b>LC/MS - Identity</b>                   | Lot Data      | meets specification                |
|   | Specification | consistent with mass/fragmentation |

\* Analytical Solvent : 10 mM Phosphate buffered saline, pH 7.4



Date of Issue : 17 Nov 2016

**\*\*For Research Use Only\*\***

BioActs certifies on the date above that is an accurate record of the analysis of the subject lot, and that the data conform to all quality specifications.