

# CERTIFICATE OF ANALYSIS

## Product Identification

|                           |                                      |
|---------------------------|--------------------------------------|
| <b>Product Name</b>       | Flamma <sup>®</sup> 800 Vinylsulfone |
| <b>Catalog Number</b>     | POA1803                              |
| <b>Packing Unit</b>       | 1 mg                                 |
| <b>Appearance</b>         | Green Solid                          |
| <b>Storage Conditions</b> | Protect from Light at 4 °C           |
| <b>Lot Number</b>         | ASF00061                             |
| <b>Molecular Weight</b>   | 1117 g/mol                           |
| <b>Soluble in</b>         | Water                                |

## Product Analysis

|                                           |               |                                    |
|-------------------------------------------|---------------|------------------------------------|
| <b>Absorption * - Maximum</b>             | Lot Data      | 775 nm                             |
|                                           | Specification | 774 ± 3 nm                         |
| <b>Emission * - Maximum</b>               | Lot Data      | 791 nm                             |
|                                           | Specification | 789 ± 4 nm                         |
| <b>Extinction Coefficient * at 774 nm</b> | Lot Data      | 209,000 /cm·M                      |
|                                           | Specification | ≥ 191,000 /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 : 20 Sep 2018

**\*\*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.