

CERTIFICATE OF ANALYSIS

Product Identification

| | |
|---------------------------|--------------------------------------|
| Product Name | Flamma [®] 488 Vinylsulfone |
| Catalog Number | CWA1002 |
| Packing Unit | 1 mg |
| Appearance | Orange Solid |
| Storage Conditions | Protect from Light at 4 °C |
| Lot Number | ASF00034 |
| Molecular Weight | 653 g/mol |
| Soluble in | DMSO |

Product Analysis

| | | |
|-------------------------------------------|---------------|------------------------------------|
| Absorption * - Maximum | Lot Data | 494 nm |
| | Specification | 495 ± 3 nm |
| Emission * - Maximum | Lot Data | 518 nm |
| | Specification | 519 ± 4 nm |
| Extinction Coefficient * at 495 nm | Lot Data | 41,000 /cm·M |
| | Specification | ≥ 40,000 /cm·M |
| LC/MS - Identity | Lot Data | meets specification |
| | Specification | consistent with mass/fragmentation |

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



Date of Issue : 11 May 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.