

CERTIFICATE OF ANALYSIS

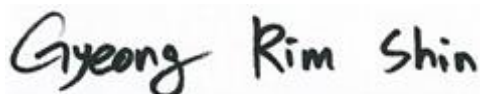
Product Identification

Product Name	Flamma [®] 749 NHS ester
Catalog Number	PWS1301
Packing Unit	1 mg
Appearance	Green Solid
Storage Conditions	Protect from Light at -20 °C
Lot Number	ARF00043
Molecular Weight	808 g/mol
Soluble in	DMF

Product Analysis

Absorption * - Maximum	Lot Data	751 nm
	Specification	749 ± 3 nm
Emission * - Maximum	Lot Data	774 nm
	Specification	774 ± 4 nm
Extinction Coefficient * at 749 nm	Lot Data	235,000 /cm·M
	Specification	≥ 200,000 /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 : 17 Oct 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.