

CERTIFICATE OF ANALYSIS

Product Identification

Product Name	Flamma ® 581 PEG4-Alkyne
Catalog Number	KWF1415
Packing Unit	1 mg / 5mg / 25mg
Appearance	Purple Solid
Storage Conditions	Protect from Light at -20 °C
Lot Number	ATD00036
Molecular Weight	1132 g/mol
Soluble in	DMF

Product Analysis

Absorption * - Maximum	Lot Data	578 nm
	Specification	578 ± 3 nm
Emission * - Maximum	Lot Data	593 nm
	Specification	593 ± 4 nm
Extinction Coefficient * at 494 nm	Lot Data	103,000M /cm · M
	Specification	≥ 93,000 /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 : 22 Nov 2017

****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.