

# CERTIFICATE OF ANALYSIS

## Product Identification

<b>Product Name</b>	qFlamma® Black-I NHS ester
<b>Catalog Number</b>	QWS1001
<b>Packing Unit</b>	1 mg / 5 mg / 25 mg
<b>Appearance</b>	Green Solid
<b>Storage Conditions</b>	Protect from Light at -20 °C
<b>Lot Number</b>	ARF00030
<b>Molecular Weight</b>	818 g/mol
<b>Soluble in</b>	DMF

## Product Analysis

<b>Absorption * - Maximum</b>	Lot Data	640 nm
	Specification	475 ± 3 nm
<b>Emission * - Maximum</b>	Lot Data	798 nm
	Specification	
<b>Extinction Coefficient * at 640 nm</b>	Lot Data	26,000 /cm·M
	Specification	21,000 ± 2,000 /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 : 15 Mar 2019

**\*\*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.