

# CERTIFICATE OF ANALYSIS

## Product Identification

Product Name	Flamma® 774 Isothiocyanate
Catalog Number	PW11603
Appearance	Green Solid
Storage Conditions	Protect from Light at -20 °C
Lot Number	ATF00015
Molecular Weight	1013 g/mol
Soluble in	DMF

## Product Analysis

Absorption * - Maximum	Lot Data	775 nm
	Specification	774 ± 3 nm
Emission * - Maximum	Lot Data	799 nm
	Specification	800 ± 4 nm
Extinction Coefficient * at 774 nm	Lot Data	236,000 /cm·M
	Specification	≥ 182,000 /cm·M
LC/MS - Identity	Lot Data	meets specification
	Specification	consistent with mass/fragmentation

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

*Gyeong Rim Shin*

Date of Issue : 09 Apr 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.