

CERTIFICATE OF ANALYSIS

Product Identification

Product Name	FSD Fluor™ 594 NHS ester
Catalog Number	KOSC1001
Appearance	Purple Solid
Storage Conditions	Protect from Light at -20 °C
Lot Number	AUF00109
Molecular Weight	1119 g/mol
Soluble in	DMF

Product Analysis

Absorption * - Maximum	Lot Data	587 nm
	Specification	590 ± 3 nm
Emission * - Maximum	Lot Data	618 nm
	Specification	618 ± 4 nm
Extinction Coefficient * at 590 nm	Lot Data	88,000 /cm·M
	Specification	≥ 83,000 /cm·M
LC/MS - Identity	Lot Data	meets specification
	Specification	consistent with mass/fragmentation

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

Nuri Choi

Date of Issue : 08 Jun 2021

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.