

CERTIFICATE OF ANALYSIS

Product Identification

Product Name	Flamma® 581 Thiol
Catalog Number	KWT1415
Appearance	Purple Solid
Storage Conditions	Protect from Light at -20 °C
Lot Number	ATD00106
Molecular Weight	978 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 578 nm	Lot Data	143,000 /cm·M
	Specification	≥ 107,000 /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 : 19 Nov 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.