

CERTIFICATE OF ANALYSIS

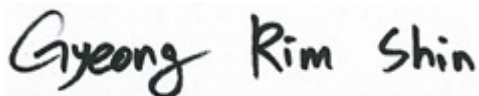
Product Identification

Product Name	TAMRA Thiol
Catalog Number	KWT1057
Packing Unit	1 mg
Appearance	Red Solid
Storage Conditions	Protect from Light at -20 °C
Lot Number	ASD00050
Molecular Weight	492 g/mol
Soluble in	DMF
Stability	When stored as directed, this product is stable for at least N month from the analysis date.

Product Analysis

Absorption * - Maximum	Lot Data	552 nm
	Specification	553 ± 3 nm
Emission * - Maximum	Lot Data	578 nm
	Specification	575 ± 4 nm
Extinction Coefficient * at 553 nm	Lot Data	85,000 /cm·M
	Specification	≥ 70,000 /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 : 15 Jun 2018

****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.