

CERTIFICATE OF ANALYSIS

Product Identification

Product Name	Biotin, Flamma® 675
Catalog Number	RFP0612
Appearance	Blue Solid
Storage Conditions	Protect from Light at 4 °C
Lot Number	ATB00047
Molecular Weight	1185 g/mol
Soluble in	DMF

Product Analysis

Absorption * - Maximum	Lot Data	674 nm
	Specification	675 ± 3 nm
Emission * - Maximum	Lot Data	690 nm
	Specification	691 ± 4 nm
Extinction Coefficient * at 675 nm	Lot Data	231,000 /cm·M
	Specification	≥ 200,000 /cm·M
LC/MS - Identity	Lot Data	meets specification
	Specification	consistent with mass/fragmentation
TLC - Purity	Lot Data	meets specification
	Specification	conform with internal standards

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

Gyeong Rim Shin

Date of Issue : 11 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.