

# Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB0814	
Compound name	FITC Phalloidin	
Chemical name	7-[[[4R)-N5-[[[(3,6-Dihydroxy-3-oxospiro[isobenzofuran-1(3H),9-[9H]xanthen]-5-yl)amino]thioxomethyl]-4-hydroxy-4-methyl-L-ornithine]phalloidin	
Batch number	E2096-1-1	
Batch molecular formula	C <sub>58</sub> H <sub>60</sub> N <sub>10</sub> O <sub>15</sub> S <sub>2</sub>	
Batch molecular weight	1177.27	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >93% purity	Meets specification: 94.3%
Mass spectrum	Maldi positive analysis consistent with structure	Meets specification
Physical appearance	Yellow solid	Meets specification: Yellow solid
Solubility	Soluble in methanol (2 mg/ml)	Meets specification

Produced by

Signature

Passed by

Signature

Date

05/10/2022

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.