

Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB0758	
Compound name	Eosin Y	
Chemical name	2',4',5',7'-Tetrabromofluorescein	
Batch number	E2145-1-1	
Batch molecular formula	$C_{20}H_6Br_4Na_2O_5 \cdot 2.5H_2O$	
Batch molecular weight	736.90	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >90% purity	Meets specification: 90.9%
NMR	1H NMR in D_2O at 400 MHz consistent with structure	Meets specification
Mass spectrum	Electrospray negative analysis consistent with structure	Meets specification
Microanalysis	Elemental analysis is within 0.4% for the batch molecular formula	Meets specification
Physical appearance	Dark red solid	Meets specification: Dark red solid
Solubility	Soluble in water (100 mM)	Meets specification

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

13/12/2022

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