

Certificate of Analysis



Product Name: Carboxyrhodamine 110 DBCO
Catalog Number: CCT-A127
Lot Number: 5609
Manufacturing date: 06 DEC 2023
Retest date: 06 DEC 2028
Manufacturer: Vector Laboratories, 8341 E Gelding Drive, Scottsdale, AZ 85260 USA

Assay	Lot Data	Specification
Appearance	Red solid	Orange to red solid
Purity		
HPLC, 488 nm	96.1%	≥ 95%
HPLC, 254 nm	96.2%	≥ 95%
LCMS	Confirms	In accordance with structure
Abs max ¹	506 nm	505 ± 4 nm
Em max ¹	535 nm	532 ± 4 nm

¹ Solvent PBS, pH 7.5

Quality Assurance *Alexandra Kulyashova*

Date: 06 DEC 2023

Vector Laboratories certifies on the date above that this is an accurate record of the analysis of the subject lot and that the data conform to the specifications in effect for this product at the time of analysis.