

Certificate of Analysis



Product Name: Carboxyrhodamine 110 DBCO
Catalog Number: CCT-A127
Lot Number: 6237
Manufacturing date: 26 MAR 2025
Retest date: 26 MAR 2030
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	97.6%	≥ 95%
HPLC, 254 nm	97.6%	≥ 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: 03 APR 2025

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.