

# Certificate of Analysis



**Product Name:** Carboxyrhodamine 110 DBCO  
**Catalog Number:** CCT-A127  
**Lot Number:** 6102B  
**Manufacturing date:** 19 NOV 2024  
**Retest date:** 19 NOV 2029  
**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	95.1%	≥ 95%
HPLC, 254 nm	95.3%	≥ 95%
LCMS	Confirms	In accordance with structure
Abs max <sup>1</sup>	505 nm	505 ± 4 nm
Em max <sup>1</sup>	535 nm	532 ± 4 nm

<sup>1</sup> Solvent PBS, pH 7.5

Quality Assurance *Alexandra Kulyashova*

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Date: 27 NOV 2024

*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.*