

Certificate of Analysis



Product Name: 5-Carboxyrhodamine 110 NHS Ester
Catalog Number: FP-1202
Lot Number: 10606
Manufacturing date: 10 JUN 2024
Retest date: 10 JUN 2029
Manufacturer: Vector Laboratories, 8341 E Gelding Drive, Scottsdale, AZ 85260 USA

Assay	Lot Data	Specification
Appearance	Dark red solid	Dark red solid
Purity ¹		
HPLC, 488 nm	96.8%	≥ 90%
HPLC, 254 nm	96.6%	≥ 90%
LCMS ¹	Conforms	In accordance with structure
Abs max ²	501 nm	502 ± 4 nm
Em max ²	536 nm	533 ± 4 nm

¹ After derivatization.
² Solvent PBS, pH 7.5

Quality Assurance *Alexandra Kulyashova*

Date: 26 JUN 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.