

Certificate of Analysis



Product Name: Cy5 NHS Ester (NEt₃ salt)
Catalog Number: FP-1321
Lot Number: 10630
Manufacturing date: 20 SEP 2024
Retest date: 20 SEP 2029
Manufacturer: Vector Laboratories, 8341 E Gelding Drive, Scottsdale, AZ 85260 USA

Assay	Lot Data	Specification
Appearance	Blue solid	Blue to dark blue solid
Purity ¹		
HPLC, 650 nm	99.1%	≥ 90%
LCMS ¹	Conforms	In accordance with structure
Abs max ²	645 nm	647 ± 3 nm
Em max ²	662 nm	663 ± 4 nm

¹ After derivatization.

² Solvent PBS, pH 7.5

Quality Assurance *Alexandra Kulyashova*

Date: 26 SEP 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.