

Certificate of Analysis



Product Name: AZDye 488 NHS Ester
Catalog Number: FP-1013
Lot Number: 10639
Manufacturing date: 07 NOV 2024
Retest date: 07 NOV 2029
Manufacturer: Vector Laboratories, 8341 E Gelding Drive, Scottsdale, AZ 85260 USA

Assay	Lot Data	Specification
Appearance	Orange solid	Orange to red solid
Purity ¹		
HPLC, 488 nm	94.9%	≥ 70%
HPLC, 254 nm	88.9%	≥ 70%
LCMS ¹	Conforms	In accordance with structure
Abs max ²	494 nm	494 ± 3 nm
Em max ²	523 nm	522 ± 4 nm

¹ After derivatization

² Solvent PBS, pH 7.5

Quality Assurance *Alexandra Kulyashova*

Date: 08 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.