

Certificate of Analysis



Product Name: AZDye 488 NHS Ester
Catalog Number: FP-1013
Lot Number: 1X536
Manufacturing date: 22 JUN 2023
Retest date: 28 FEB 2026
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	74.1%	≥ 70%
HPLC, 254 nm	72.4%	≥ 70%
LCMS ¹	Conforms	In accordance with structure
Abs max ²	493 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: 29 AUG 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.