

Certificate of Analysis



Product Name: AZDye 488 Maleimide
Catalog Number: FP-1014
Lot Number: 10655
Manufacturing date: 17 JAN 2025
Retest date: 17 JAN 2030
Manufacturer: Vector Laboratories, 8341 E Gelding Drive, Scottsdale, AZ 85260 USA

Assay	Lot Data	Specification
Appearance	Orange solid	Orange to red solid
Purity		
HPLC, 488 nm	92.6%	≥ 90%
HPLC, 254 nm	91.1%	≥ 90%
LCMS	Conforms	In accordance with structure
Abs max ¹	491 nm	493 ± 3 nm
Em max ¹	519 nm	516 ± 4 nm

¹ Solvent PBS, pH 7.5

Quality Assurance

Alexandra Kulyashova

Date: 27 JAN 2025

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.