

Certificate of Analysis



Product Name: AZDye 405 NHS Ester
Catalog Number: FP-1061
Lot Number: 1R667
Manufacturing date: 27 FEB 2025
Retest date: 27 FEB 2030
Manufacturer: Vector Laboratories, 8341 E Gelding Drive, Scottsdale, AZ 85260 USA

Assay	Lot Data	Specification
Appearance	Yellow solid	Grey to yellow solid
Purity ¹		
HPLC, 405 nm	99.7%	≥ 85%
LCMS ¹	Conforms	In accordance with structure
Abs max ²	398 nm	402 ± 4 nm
Em max ²	418 nm	417 ± 4 nm

¹ After derivatization.

² Solvent PBS, pH 7.5

Quality Assurance *Alexandra Kulyashova*

Date: 31 MAR 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.