

Certificate of Analysis



Product Name: AZDye 430 NHS Ester
Catalog Number: FP-1031
Lot Number: 10552
Manufacturing date: 30 AUG 2023
Retest date: 30 AUG 2028
Manufacturer: Vector Laboratories, 8341 E Gelding Drive, Scottsdale, AZ 85260 USA

Assay	Lot Data	Specification
Appearance	Yellow solid	Yellow solid
Purity ¹		
HPLC, 430 nm	96.5%	≥ 90%
HPLC, 254 nm	96.0%	≥ 90%
LCMS ¹	Conforms	In accordance with structure
Abs max ²	430 nm	430 ± 3 nm
Em max ²	544 nm	540 ± 4 nm

¹ Derivatized with butylamine. Purity value represents total reactive dye content.

² Solvent PBS, pH 7.5

Quality Assurance *Alexandra Kulyashova*

Date: 7 SEP 2023

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.