

# Certificate of Analysis



**Product Name:** AZDye 532 NHS Ester  
**Catalog Number:** FP-1041  
**Lot Number:** 10570  
**Manufacturing date:** 20 DEC 2023  
**Retest date:** 20 DEC 2028  
**Manufacturer:** Vector Laboratories, 8341 E Gelding Drive, Scottsdale, AZ 85260 USA

Assay	Lot Data	Specification
Appearance	Red solid	Red solid
Purity <sup>1</sup>		
HPLC, 532 nm	97.6%	≥ 95%
HPLC, 254 nm	95.5%	≥ 90%
LCMS <sup>1</sup>	Conforms	In accordance with structure
Abs max <sup>2</sup>	528 nm	527 ± 3 nm
Em max <sup>2</sup>	556 nm	558 ± 4 nm

<sup>1</sup> Derivatized with butylamine. Purity value represents total reactive dye content.

<sup>2</sup> Solvent PBS, pH 7.5

Quality Assurance *Alexandra Kulyashova*

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Date: 22 DEC 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.*