

# Certificate of Analysis



**Product Name:** AZDye 532 NHS Ester  
**Catalog Number:** FP-1041  
**Lot Number:** 10544  
**Manufacturing date:** 31 JUL 2023  
**Retest date:** 31 JUL 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	96.0%	≥ 95%
HPLC, 254 nm	94.3%	≥ 90%
LCMS <sup>1</sup>	Conforms	In accordance with structure
Abs max <sup>2</sup>	526 nm	527 ± 3 nm
Em max <sup>2</sup>	551 nm	555 ± 4 nm

<sup>1</sup> After derivatization  
<sup>2</sup> Solvent PBS, pH 7.5

Quality Assurance *Alexandra Kulyashova*

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Date: 13 JUN 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.*