

# Certificate of Analysis

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**Product Name:** AFDye 594 Maleimide, Isomer 5  
**Catalog Number:** 1102  
**Lot Number:** 10206  
**Molecular Weight:** 886.99 (protonated)  
**Appearance:** Dark blue solid  
**Storage:** Upon receipt store at -20°C

|                                 | Lot Data | Specification |
|---------------------------------|----------|---------------|
| Purity                          |          |               |
| HPLC, 254 nm and 594 nm         | >97%     | 90%           |
| Isomeric purity                 |          |               |
| HPLC, 254 nm or 594 nm          | >99%     | 98%           |
| Absorption maximum <sup>2</sup> | 591 nm   | 590 ± 3 nm    |
| Emission Maximum <sup>2</sup>   | 619 nm   | 617 ± 4 nm    |

<sup>1</sup>PBS, pH 7.5



03-August-2020

Alexandra Kulyashova, Quality Assurance Manager

Fluoroprobes LLC certifies on the date above that this is an accurate record of the analysis of the above mentioned lot and that this lot met all product specifications at the time of analysis.