



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-215961
Lot Number: SAMPLE
Product Name: Tetramethylrhodamine-5-maleimide
CAS Number: 174568-67-3
Molecular Formula: $C_{28}H_{23}N_3O_5$
Molecular Weight: 481.50

| Test | Specification | Result |
|---------------------------|---|-------------|
| Appearance | Red to very dark red and purple to very dark purple and brown to very dark brown and very dark red-brown powder or crystals | Pink powder |
| Purity (HPLC) | $\geq 85.0\%$ | 96.2% |
| Degree of Coupling | | 97.1% |
| Fluorescence Emission Max | 575.0 ± 5.0 nm | 579 nm |
| Luminescence | EX. 543 nm in 0.1 M phosphate pH 7.0 | Complies |

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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