

Catalog Number A1372
Product Name acridine orange 10-nonyl bromide (nonyl acridine orange)
Appearance orange solid
Lot Number 2416872

| | LOT DATA | SPECIFICATION |
|----------------------------------|--|---|
| Absorption¹ | | |
| Maximum | 495 nm | 494 ± 3 nm |
| Extinction | 81000 cm ⁻¹ M ⁻¹ | 82000 ± 6000 cm ⁻¹ M ⁻¹ |
| Fluorescence¹ | | |
| Emission Maximum | 521 nm | 519 ± 4 nm |
| HPLC | | |
| Purity | 92 % at 254 nm | ≥ 90 % at 254 nm |
| NMR | | |
| Result | meets specification | consistent with structure |
| Miscellaneous Information | | |
| Material Lot Number | 2374351 | n.a. |

1. Solvent: Methanol



Rachel Smith, Quality Assurance Manager
 22-Oct-2021

Life Technologies Corporation, on behalf of its Invitrogen business, Molecular Probes® labeling and detection technologies, 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.