

Catalog Number I14
Product Name 5-(((2-iodoacetyl)amino)ethyl)aminonaphthalene-1-sulfonic acid (1,5-IAEDANS)
CAS Number / Name 36930-63-9 / 1-Naphthalenesulfonic acid, 5-((2-((iodoacetyl)amino)ethyl)amino)-
Molecular Formula C₁₄H₁₅IN₂O₄S
Molecular Weight 434.25
Appearance tan solid
Lot Number 2018257

| | LOT DATA | SPECIFICATION |
|----------------------------------|---|---|
| Absorption ¹ | | |
| Maximum Extinction | 337 nm 5400 cm ⁻¹ M ⁻¹ | 337 ± 3 nm 5700 ± 400 cm ⁻¹ M ⁻¹ |
| HPLC | | |
| Purity | 92 % at 254 nm | ≥ 90 % at 254 nm |
| NMR | | |
| Result | meets specification | consistent with structure |
| Miscellaneous Information | | |
| Material Lot Number | 1134603 | N/A |

1. Solvent: Buffer, 50 mM potassium phosphate (pH 8).



Rachel Smith, Quality Assurance Manager
 30-May-2017

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.