

Catalog Number D7918
Product Name 2,3-diaminonaphthalene
CAS Number / Name 771-97-1 / 2,3-Naphthalenediamine
Molecular Formula C₁₀H₁₀N₂
Molecular Weight 158.2
Appearance brown solid
Lot Number 1241353

	LOT DATA	SPECIFICATION
Absorption ¹ Maximum Extinction	341 nm 5000 cm ⁻¹ M ⁻¹	340 ± 3 nm 5300 ± 400 cm ⁻¹ M ⁻¹
Fluorescence ¹ Emission Maximum	380 nm	376 ± 4 nm
HPLC Purity	95 % at 254 nm	≥ 90 % at 254 nm
NMR Result	meets specification	consistent with structure
Miscellaneous Information Material Lot Number	73026007	n.a.

1. Solvent: Methanol.

Betty Wood

Betty Wood, Quality Assurance Manager
24-Feb-2012

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.