

Catalog Number D7918
Product Name 2,3-diaminonaphthalene
CAS Number / Name 771-97-1 / 2,3-Naphthalenediamine
Molecular Formula $C_{10}H_{10}N_2$
Molecular Weight 158.2
Appearance brown solid
Lot Number 1760668

	LOT DATA	SPECIFICATION
Absorption ¹		
Maximum Extinction	341 nm 5100 $cm^{-1}M^{-1}$	340 ± 3 nm 5300 ± 400 $cm^{-1}M^{-1}$
Fluorescence ¹		
Emission Maximum	380 nm	376 ± 4 nm
HPLC		
Purity	97 % at 254 nm	≥ 90 % at 254 nm
NMR		
Result	meets specification	consistent with structure
Miscellaneous Information		
Material Lot Number	74370212	n.a.

1. Solvent: Methanol.

Rachel Smith, Ph.D., Quality Assurance

21-Dec-2015

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.