

Catalog Number D2004
Product Name *N,N'*-dimethyl-*N*-(iodoacetyl)-*N'*-(7-nitrobenz-2-oxa-1,3-diazol-4-yl)ethylenediamine (IANBD amide)
Appearance orange solid
Lot Number 2616053

	LOT DATA	SPECIFICATION
Absorption¹		
Maximum	478 nm	480 ± 3 nm
Extinction	24000 cm ⁻¹ M ⁻¹	23500 ± 2500 cm ⁻¹ M ⁻¹
Fluorescence¹		
Emission Maximum	544 nm	543 ± 4 nm
HPLC		
Purity	93 % at 254 nm	≥ 75 % at 254 nm
NMR		
Result	meets specification	consistent with structure
Miscellaneous Information		
Material Lot Number	2325287	n.a.

1. Solvent: Methanol



Zach Luedtke, Quality Assurance Manager
 19-May-2021

Life Technologies Corporation 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.