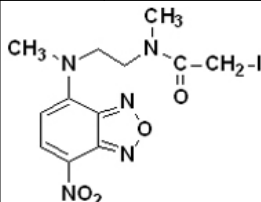


## Certificate of Analysis

(C of A)

Name:		IANBD Amide N,N'-dimethyl-N-(iodoacetyl)-N'-(7-nitrobenz-2-oxa-1,3-diazol-4-yl)ethylenediamine			
Catalog Number:		6281	Lot:		52459
CAS Number:		173485-12-6	Formula:		C <sub>12</sub> H <sub>14</sub> IN <sub>5</sub> O <sub>4</sub>
Molecular Weight:		419.18 (g/mol)			
		Observed		Standard	
HPLC Purity:		91% at 254 nm		≥ 75% at 254 nm	
Absorption (Methanol)					
Wavelength (λ <sub>max</sub> ):		478 nm		480 ± 3 nm	
Extinction:		23,100 cm <sup>-1</sup> M <sup>-1</sup>		23,500 ± 2,500 cm <sup>-1</sup> M <sup>-1</sup>	
TLC Purity:		> 98%		≥ 75%	
TLC System:		95:5 Chloroform / Methanol			
Storage:		Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)			
Production Lot:		14865	Release:	20-Apr-2015	Expiration: 20-Apr-2025
Structure:					

This data reflects the accuracy of the analysis of the subject lot  
 For research use only. Not for human use. No animal source.  
 This material is chemically synthesized and manufactured in the USA

**Approved by:** Dianna M Wineinger  
 Analytical Services Manager

**Date:** 20-Apr-2015

**Signature:** 