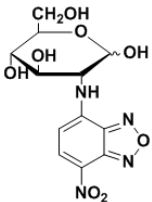


Certificate of Analysis (C of A)			
Name:	2-NBDG 2-(N-(7-Nitrobenz-2-oxa-1,3-diazol-4-yl)amino)-2-deoxyglucose		
Catalog Number:	7133	Lot:	50684
CAS Number:	186689-07-6	Formula:	C ₁₂ H ₁₄ N ₄ O ₈
Molecular Weight:	342.26 (g/mol)		
	Observed	Standard	
HPLC Purity:	99% at 468 nm	≥ 90% at 468 nm	
Absorption (Methanol)			
Wavelength (λ _{max}):	466 nm	467 ± 3 nm	
Extinction:	21,300 cm ⁻¹ M ⁻¹	22,500 ± 2,500 cm ⁻¹ M ⁻¹	
Fluorescence (Methanol)			
Emission Max:	524 nm	524 ± 4 nm	
TLC Purity:	> 99%	≥ 90%	
TLC System:	75:20:5 Chloroform/ Methanol/ Acetic acid		
Storage:	Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)		
Production Lot:	15104	Release:	28-Aug-2015
		Expiration:	28-Aug-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: 28-Aug-2015

Signature: 