

Certificate of Analysis					
Name:	5-TAMRA Carbonyl Azide Tetramethylrhodamine-5-Carbonyl Azide				
Catalog Number:	6234	Lot: 51186			
CAS Number:	N/A	Formula: C ₂₅ H ₂₁ N ₅ O ₄			
Molecular Weight:	455.47 (g/mol)				
	Observed		Standard	ndard	
HPLC Purity:	92% at 254 nm		≥ 90% at 254 nm		
Absorption (Methanol)					
Wavelength (λ _{max}):	545 nm		545 ± 3 nm		
Extinction:	94,700 cm ⁻¹ M ⁻¹		89,000 ± 6,000 cm ⁻¹ M ⁻¹		
Fluorescence (Methanol)					
Emission Max:	578 nm		578 ± 4 nm		
TLC Purity:	> 96%		≥ 90%		
TLC System:	80:20 Chloroform / Methanol				
Storage:	Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)				
Production Lot: 152	Release:	07-Dec-20	15 Ex	piration: 07-Dec-2025	
Structure:	$(CH_3)_2N - O - N(CH_3)_2$ $CO_2 - CO_2$ $C-N=N=N$				

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 Date: 07-Dec-2015

Analytical Services Manager

Signature: W/Q////Q