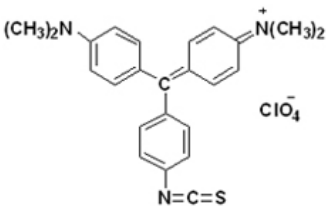


Certificate of Analysis (C of A)					
Name:	MGITC Malachite Green Isothiocyanate				
Catalog Number:	6591		Lot:	52230	
CAS Number:	147492-82-8		Formula:	C ₂₄ H ₂₄ ClN ₃ O ₄ S	
Molecular Weight:	485.98 (g/mol)				
	Observed		Standard		
HPLC Purity:	99% at 254 nm		≥ 90% at 254 nm		
Absorption (Acetonitrile)					
Wavelength (λ _{max}):	629 nm		629 ± 3 nm		
Extinction:	89,700 cm ⁻¹ M ⁻¹		84,000 ± 7,000 cm ⁻¹ M ⁻¹		
TLC Purity:	> 99%		≥ 90%		
TLC System:	85:13:2 Chloroform / Methanol / Acetic acid				
Storage:	Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)				
Production Lot:	16538	Release:	02-Jun-2022	Expiration:	02-Jun-2032
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: 02-Jun-2022

Signature: 