SETAREH BIOTECH
LITE OF INNOVATION

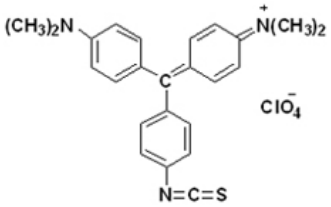
Certificate of Analysis
(C of A)

Name:	**MGITC** **Malachite Green Isothiocyanate**		
Catalog Number:	6591	Lot:	50848
CAS Number:	147492-82-8	Formula:	$C_{24}H_{24}ClN_3O_4S$
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:	89,000 $cm^{-1}M^{-1}$	84,000 ± 7,000 $cm^{-1}M^{-1}$
TLC Purity:	> 98%	≥ 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:	11934	Release:	20-Apr-2013	Expiration:	20-Apr-2023

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 **Date:** 20-Apr-2013
Analytical Services Manager

Signature: Dianna M. Wineinger **Date:** 01-Feb-2023

Setareh Biotech, LLC, 710 Commercial St. Ste 2 Eugene, OR 97402-5348 USA
Phone: 541-515-6560 / Fax: NA e-mail: info@setarehbiotech.com