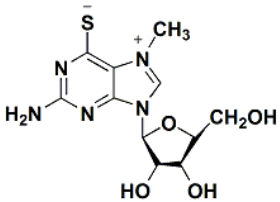


Certificate of Analysis
(C of A)

Name:	MESG 7-Methyl-6-thioguanosine				
Catalog Number:	6764	Lot:	51702		
CAS Number:	55727-10-1	Formula:	C ₁₁ H ₁₅ N ₅ O ₄ S		
Molecular Weight:	313.33 (g/mol)				
Observed					
Standard					
HPLC Purity:	93% at 254 nm		≥ 85% at 254 nm		
Absorption (Buffer pH 7)					
Wavelength (λ _{max}):	332 nm		333 ± 3 nm		
Extinction:	16,600 cm ⁻¹ M ⁻¹		17,000 ± 1,500 cm ⁻¹ M ⁻¹		
TLC Purity:	> 95%		≥ 90%		
TLC System:	80:20 Acetonitrile / Water				
Storage:	Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)				
Production Lot:	16245	Release:	03-Sep-2019	Expiration:	03-Sep-2029
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: 03-Sep-2019

Signature: *Dianna M Wineinger*

Date: 09-Dec-2022