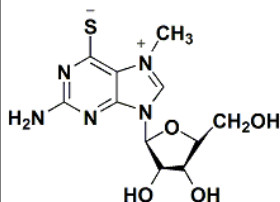


Certificate of Analysis

(C of A)

Name:		MESG 7-Methyl-6-thioguanosine			
Catalog Number:		6764	Lot:		51293
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:		11347	Release:		03-Sep-2019
				Expiration:	
Expiration:		03-Jul-2019			
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: 