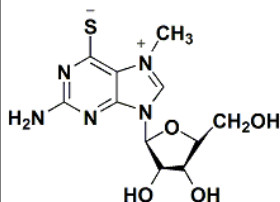


Certificate of Analysis

(C of A)

Name:		MESG 7-Methyl-6-thioguanosine						
Catalog Number:		6764	Lot:		51279			
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:		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: 