

Certificate of Analysis					
Name:	MESG 7-Methyl-6-thioguanosine				
Catalog Number:	6764	Lot: 517		51702	
CAS Number:	55727-10-1	Formula: C ₁₁ H ₁₅ N		N ₅ O ₄ S	
Molecular Weight:	313.33 (g/mol)				
	Observed		Standard	lard	
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 / Wa	/ Water			
Storage:	Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)				
Production Lot: 162	Release:	14-Dec-20	23 Exp	oiration:	03-Sep-2029
Structure:	S CH ₃ N N CH ₂ OH				

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: Nabi Date: 14-Dec-2023

Analytical Services Manager

Signature: Nala