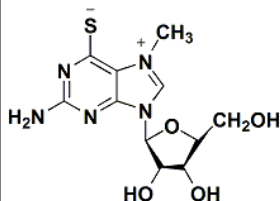
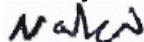


## Certificate of Analysis

(C of A)

Name:		<b>MESG</b> 7-Methyl-6-thioguanosine			
Catalog Number:		6764	Lot:		52184
CAS Number:		55727-10-1	Formula:		C <sub>11</sub> H <sub>15</sub> N <sub>5</sub> O <sub>4</sub> S
Molecular Weight:		313.33 (g/mol)			
		<b>Observed</b>		<b>Standard</b>	
HPLC Purity:		93% at 254 nm		≥ 85% at 254 nm	
<b>Absorption (Buffer pH 7)</b>					
Wavelength (λ <sub>max</sub> ):		332 nm		333 ± 3 nm	
Extinction:		16,600 cm <sup>-1</sup> M <sup>-1</sup>		17,000 ± 1,500 cm <sup>-1</sup> M <sup>-1</sup>	
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:		14-Dec-2023
				Expiration:	
Expiration:		14-Dec-2033			
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:** Nabi  
 Analytical Services Manager  
**Signature:** 

**Date:** 14-Dec-2023