SETAREH BIOTECH
LITE OF INNOVATION

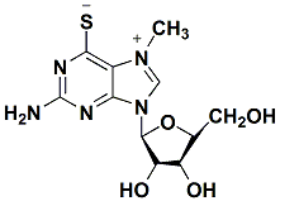
Certificate of Analysis
(C of A)

Name:	**MESG** **7-Methyl-6-thioguanosine**		
Catalog Number:	6764	Lot:	51279
CAS Number:	55727-10-1	Formula:	$C_{11}H_{15}N_5O_4S$
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: Dianna M. Wineinger

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