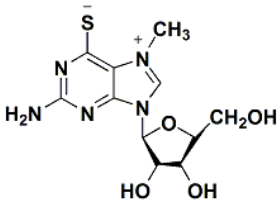



| Certificate of Analysis (C of A) | | | | | |
|-------------------------------------|---|----------|---|---|-------------|
| Name: | MESG 7-Methyl-6-thioguanosine | | | | |
| Catalog Number: | 6764 | | Lot: | 52426 | |
| CAS Number: | 55727-10-1 | | Formula: | C ₁₁ H ₁₅ N ₅ O ₄ S | |
| Molecular Weight: | 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: | 16245 | Release: | 14-Dec-2023 | 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: Nabi
 Analytical Services Manager
 Signature: 

Date: 14-Dec-2023