

Catalog Number G22183
Product Name guanosine 5'-O-(3-thiotriphosphate), BODIPY® FL thioester, sodium salt (BODIPY® FL GTP-γ-S, thioester) *5 mM in buffer*
Molecular Formula C₂₄H₂₇BF₂N₈Na₃O₁₄P₃S
Molecular Weight 894.28
Appearance orange solution
Medium 50 mM Tris, pH 7.5
Lot Number 2126028

| | LOT DATA | SPECIFICATION |
|---|---------------------|--|
| Absorption ¹ Maximum | 505 nm | 504 ± 3 nm |
| Fluorescence ¹ Emission Maximum | 513 nm | 510 ± 4 nm |
| HPLC Purity | 94 % at 254 nm | ≥ 90 % at 254 nm |
| HPLC ² Result | meets specification | corresponds to expected molecular weight |
| Miscellaneous Information Material Lot Number | 2126030 | N/A |

1. Solvent: Methanol.

2. Method: Standard LCMS.



Rachel Smith, Quality Assurance Manager

23-Jul-2019

Life Technologies Corporation, on behalf of its Invitrogen business, Molecular Probes® labeling and detection technologies, certifies on the date above that this is an accurate record of the analysis of the subject lot and that the data conform to the specifications in effect for this product at the time of analysis.