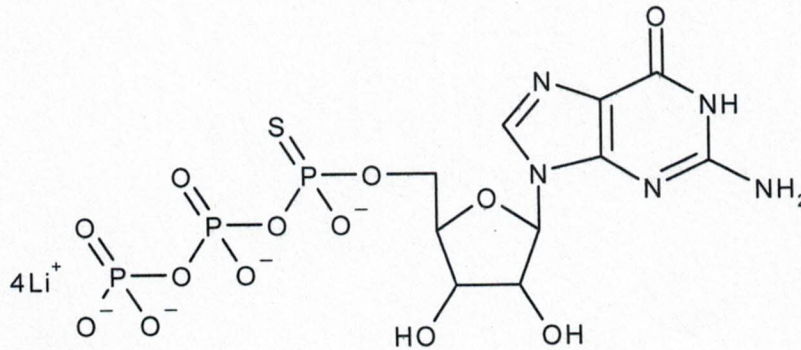


(1-Thio)-GTP

N-8007



Guanosine-5'-O-(1-Thiotriphosphate)

### Product Information

Catalog # (Pack Size): N-8007-1 (1  $\mu$ mole)  
 N-8007-5 (5  $\mu$ mole)  
 N-8007-10 (10  $\mu$ mole)  
 N-8007-BK (Bulk Amount)

Manufacturing Lot #: T1-BUT01A

Packaging Lot #: T1-BUT01A-2

Extinction Coefficient: 13,600  $\text{Lmol}^{-1}\text{cm}^{-1}$  @ 252 nm

Molecular Weight: 539.2 g/mole (free acid)

Molecular Formula:  $\text{C}_{10}\text{H}_{16}\text{N}_5\text{O}_{13}\text{P}_3\text{S}$  (free acid)

Packaged As: 100 mM in  $\text{H}_2\text{O}$

Final Salt Form:  $\text{Li}^+$

Recommended Storage:  $-20^\circ\text{C}$  or below

Handling: Avoid repeated freeze/thaw cycles.  
 Upon first use, it is recommended to aliquot sample into single use portions.

### QC Analysis

Method of Analysis:

Results:

Manufacturing Lot: AX-HPLC

Passes

$^{31}\text{P}$  NMR

Passes

$^1\text{H}$  NMR

Passes

Mass Spec

Passes

UV-Spec

Passes

Packaging Lot: AX-HPLC

Passes

### QA Approval

Approved By: \_\_\_\_\_

QA

\_\_\_\_\_

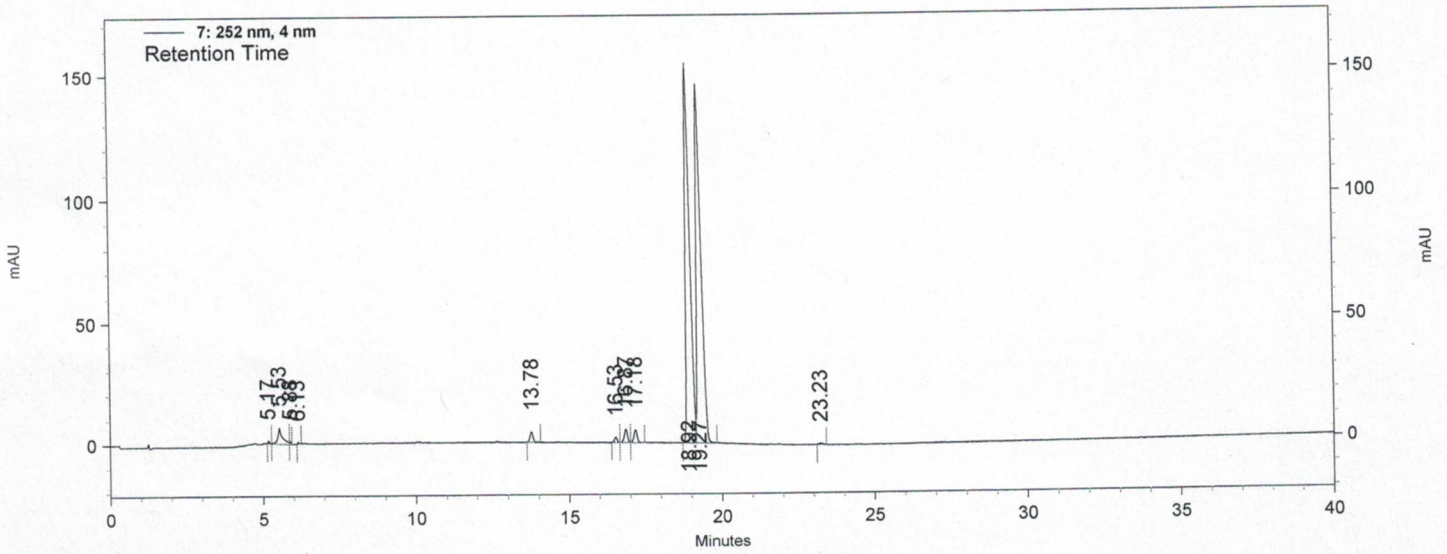
Date

AX-HPLC : QTP-2021      Revision: 002

Sample ID : N-8007 T1-BUT01A-2  
Injection : 15 µL  
Acquired : 1/3/2017 11:46:11 PM

**Final Data**  
Released By   KCS    
Date   01/04/17  

\\Server6\shared\QC\HPLC Data\2017\QR0117\QCG\QCG0117-0016.dat



7: 252 nm, 4 nm Results

Retention Time	Area	Area Percent
5.17	3208	0.10
5.53	70130	2.10
5.88	3602	0.11
6.13	2326	0.07
13.78	29608	0.89
16.53	12843	0.38
16.87	39178	1.17
17.18	38501	1.15
18.92	1546100	46.23
19.27	1593855	47.65
23.23	5299	0.16

Totals	3344650	100.00
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