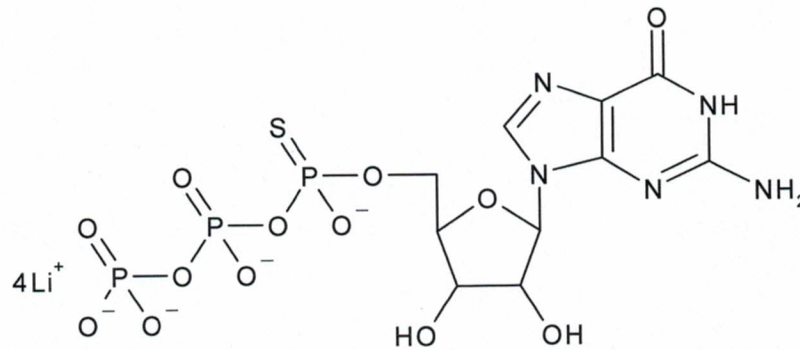


(1-Thio)-GTP

N-8007



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

### Product Information

Catalog # (Pack Size): N-8007-1 (1 umole)

N-8007-5 (5 umole)

N-8007-10 (10 umole)

N-8007-BK (Bulk Amount)

Packaged As: 100 mM in H<sub>2</sub>O

Recommended Storage: -20°C or below

Manufacturing Lot #: N8007-T10M01A

Packaging Lot #: N8007-T10M01A-5

Extinction Coefficient: 13,600 Lmol<sup>-1</sup>cm<sup>-1</sup> @ 251 nm

Molecular Weight: 539.2 g/mole (free acid)

Molecular Formula: C<sub>10</sub>H<sub>16</sub>N<sub>5</sub>O<sub>13</sub>P<sub>3</sub>S (free acid)

Final Salt Form: Li+

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

### QC Analysis

#### Method of Analysis:

Manufacturing Lot: AX-HPLC

<sup>31</sup>P NMR

<sup>1</sup>H NMR

Mass Spec

UV-Spec

Packaging Lot: AX-HPLC

#### Results:

Passes

Passes

Passes

Passes

Passes

98.4%

### QA Approval

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

QA

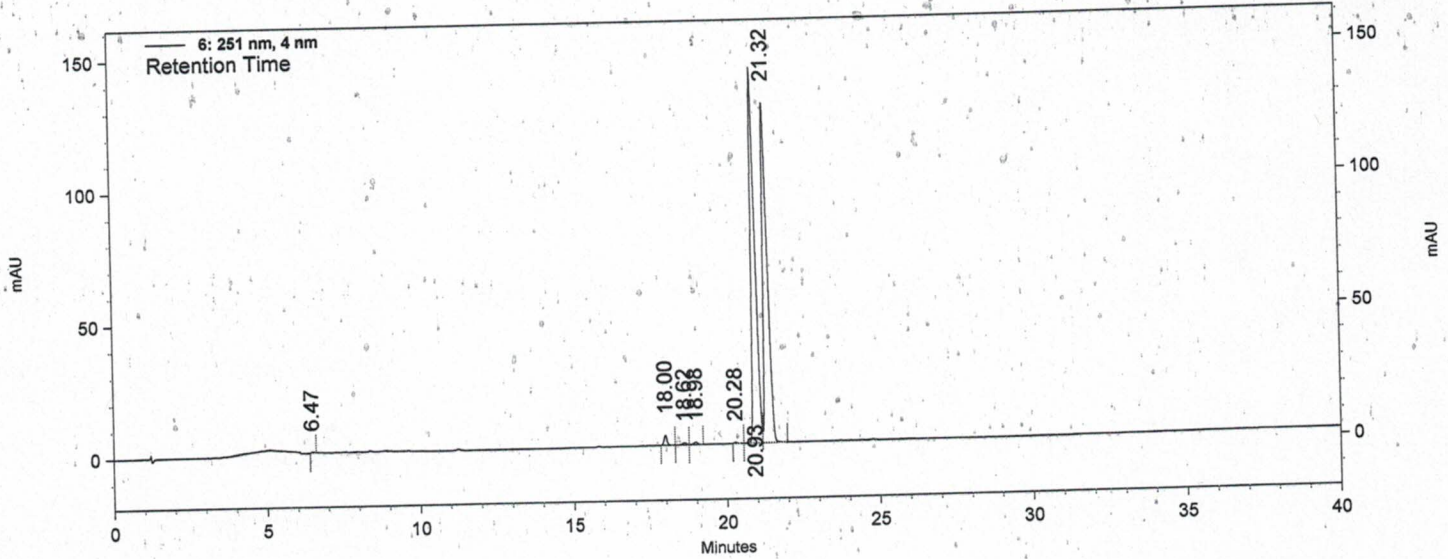
Date

Final Data  
 Released By JD  
 Date 10/16/15

AX-HPLC : QTP-2021      Revision: 002

Sample ID : N8007-T10M01A-5  
 Injection : 15 µL  
 Acquired : 10/5/2015 7:21:54 PM

Z:\QCHPLC Data\2015\QR1015\QCG\QCG1015-0082.dat



6: 251 nm, 4 nm Results		
Retention Time	Area	Area Percent
6.47	1958	0.07
18.00	24888	0.92
18.62	6194	0.23
18.98	7459	0.27
20.28	2387	0.09
20.93	1354153	49.81
21.32	1321476	48.61
Totals	2718515	100.00