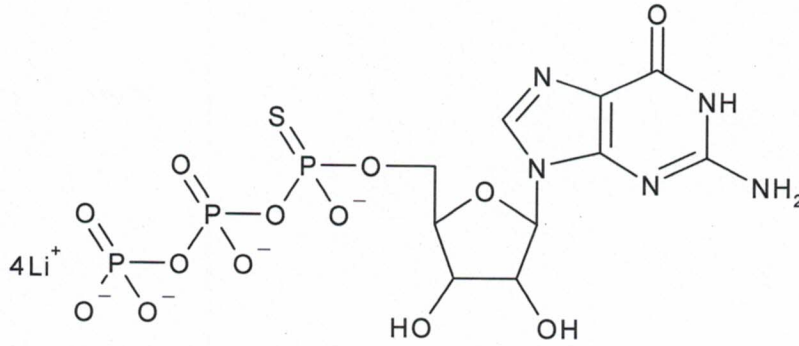


(1-Thio)-GTP

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)

Manufacturing Lot #: N8007-T10M01A

Packaging Lot #: N8007-T10M01A-6

Extinction Coefficient: 13,600 Lmol⁻¹cm⁻¹ @ 251 nm

Molecular Weight: 539.2 g/mole (free acid)

Molecular Formula: C₁₀H₁₆N₅O₁₃P₃S (free acid)

Packaged As: 100 mM in H₂O

Final Salt Form: Li⁺

Recommended Storage: -20°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

³¹P NMR

Passes

¹H NMR

Passes

Mass Spec

Passes

UV-Spec

Passes

Packaging Lot: AX-HPLC

98.2%

QA Approval

Approved By: _____

QA

EA Aguirre

Date

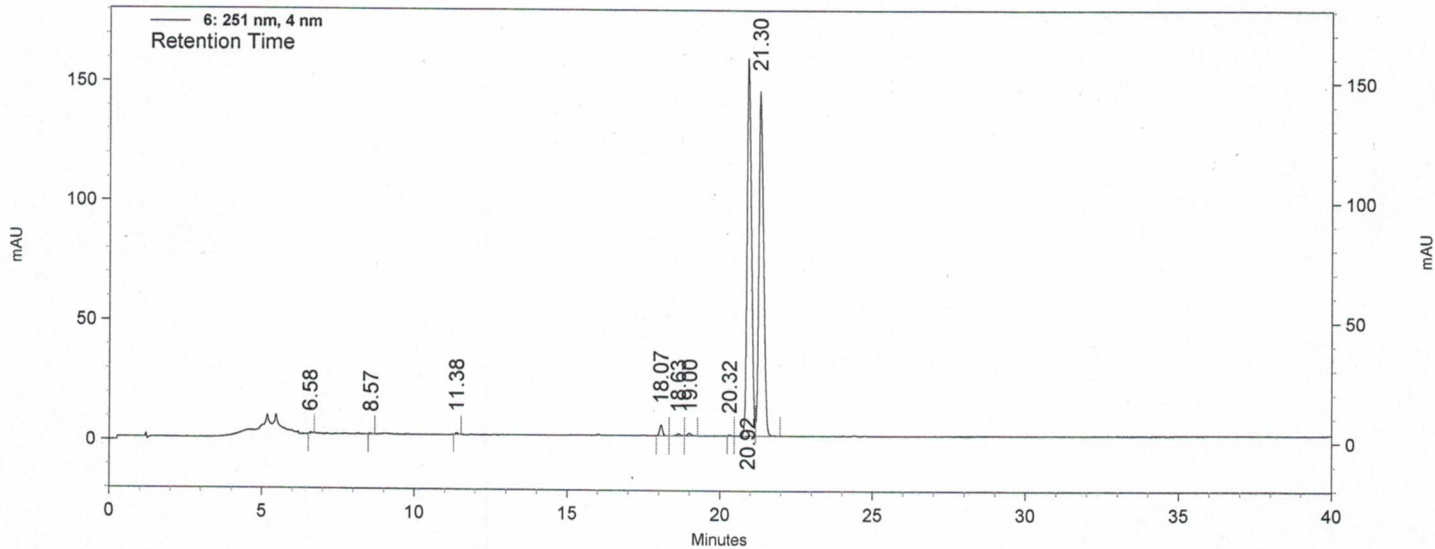
11/3/2015

AX-HPLC : QTP-2021 Revision: 002

Released By dfm
Date 10/29/15

Sample ID : N8007-T10M01A-6
Injection : 15 µL
Acquired : 10/28/2015 12:34:46 PM

Z:\QC\HPLC Data\2015\QR1015\QCG\QCG1015-0434.dat



6: 251 nm, 4 nm Results

Retention Time	Area	Area Percent
6.58	2451	0.08
8.57	2046	0.07
11.38	3376	0.11
18.07	29117	0.93
18.63	6961	0.22
19.00	8058	0.26
20.32	3015	0.10
20.92	1552991	49.72
21.30	1515163	48.51
Totals	3123178	100.00