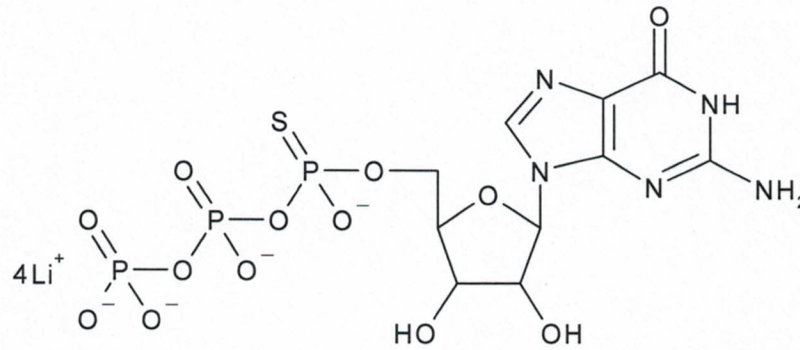


(1-Thio)-GTP

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-4

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:

Manufacturing Lot: AX-HPLC

Results:

Passes

³¹P NMR

Passes

¹H NMR

Passes

Mass Spec

Passes

UV-Spec

Passes

Packaging Lot: AX-HPLC

98.5%

QA Approval

Approved By:

Stephanie Shreed
QA

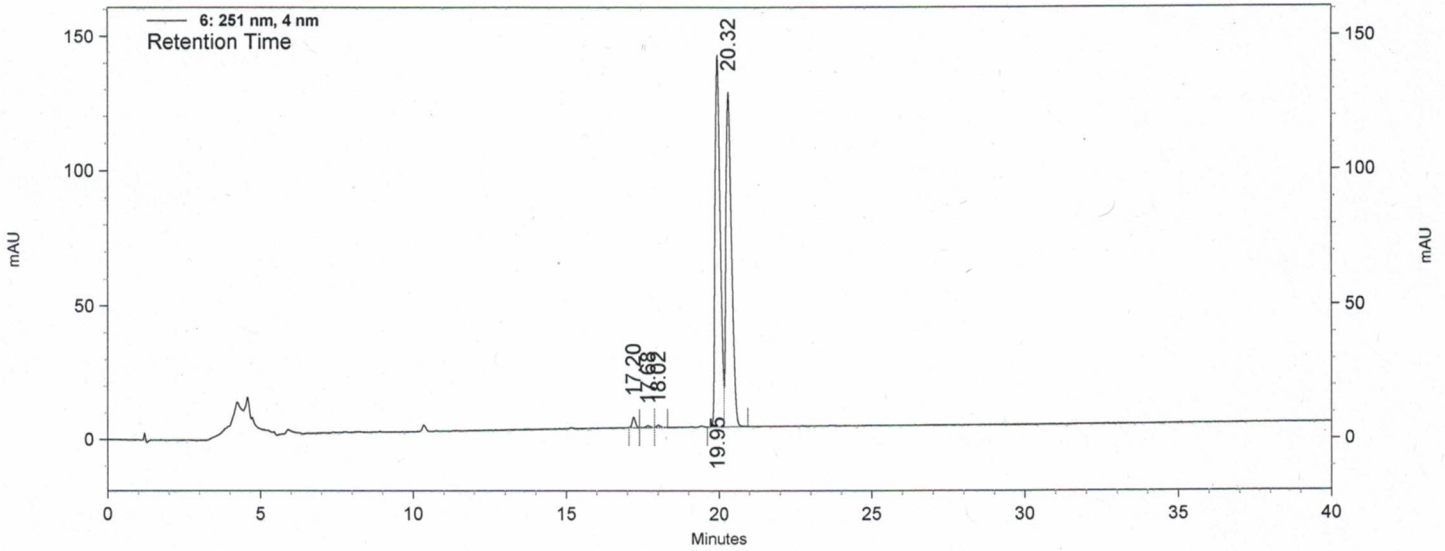
08/20/2015
Date

Final Data
 Released By JU
 Date 08/17/15

AX-HPLC : QTP-2021 Revision: 002

Sample ID : N8007-T10M01A-4
 Injection : 15 µL
 Acquired : 8/16/2015 2:14:35 PM

\\10.1.1.108\shared\QC\HPLC Data\2015\QI0815\QCF\QCF0815-0076.dat



6: 251 nm, 4 nm Results

Retention Time	Area	Area Percent
17.20	29549	0.91
17.68	7870	0.24
18.02	9234	0.28
19.95	1607197	49.39
20.32	1600450	49.18
Totals	3254300	100.00