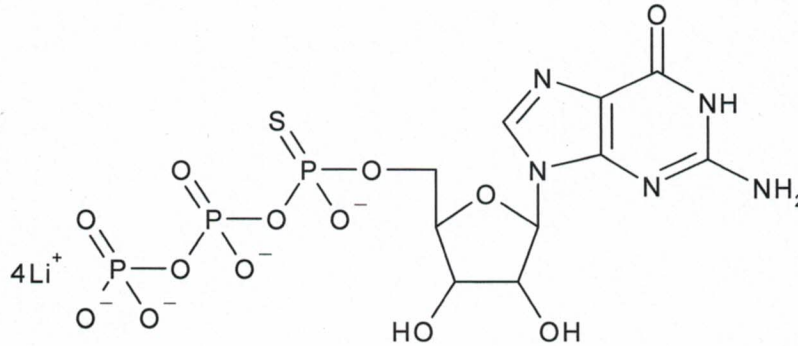


(1-Thio)-GTP

N-8007



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

Product Information

Catalog # (Pack Size): N-8007-1 (1 μ mole)

N-8007-5 (5 μ mole)

N-8007-10 (10 μ mole)

N-8007-BK (Bulk Amount)

Packaged As: 100 mM in H₂O

Recommended Storage: -20°C or below

Manufacturing Lot #: N8007-T10M01A

Packaging Lot #: N8007-T10M01A-7

Extinction Coefficient: 13,600 Lmol⁻¹cm⁻¹ @ 252 nm

Molecular Weight: 539.2 g/mole (free acid)

Molecular Formula: C₁₀H₁₆N₅O₁₃P₃S (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:

Results:

Manufacturing Lot: AX-HPLC

Passes

³¹P NMR

Passes

¹H NMR

Passes

Mass Spec

Passes

UV-Spec

Passes

Packaging Lot: AX-HPLC

Passes

QA Approval

Approved By: LA Aquino

QA

12/17/2015

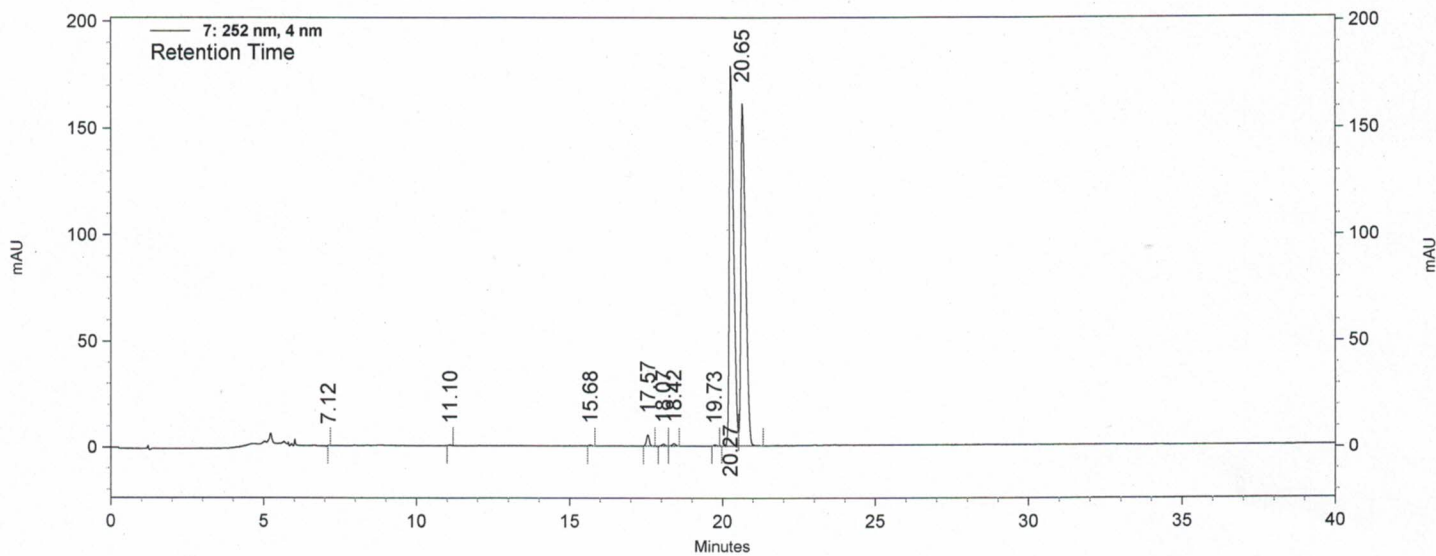
Date

AX-HPLC : QTP-2021 Revision: 002

Final Data
Released By: JD
Date: 12/16/15

Sample ID : N8007-T10M01A-7
Injection : 15 µL
Acquired : 12/16/2015 11:07:55 AM

Z:\QC\HPLC Data\2015\QR1215\QCG\QCG1215-0188.dat



7: 252 nm, 4 nm Results

Retention Time	Area	Area Percent
7.12	279	0.01
11.10	2060	0.06
15.68	2377	0.07
17.57	34712	0.98
18.07	8100	0.23
18.42	9727	0.27
19.73	3332	0.09
20.27	1769734	49.88
20.65	1717422	48.41
Totals	3547743	100.00