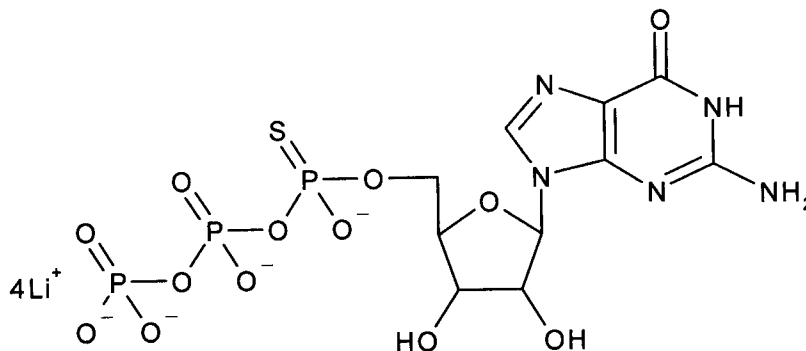


(1-Thio)-GTP
N-8007


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-3
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: <u>AX-HPLC</u>	Passes
³¹ P NMR	Passes
¹ H NMR	Passes
<u>Mass Spec</u>	Passes
<u>UV-Spec</u>	Passes
Packaging Lot: <u>AX-HPLC</u>	98.5%

QA Approval

Approved By:


 QA

Date

2/18/2015

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The Modified Nucleic Acid Experts

Final Data

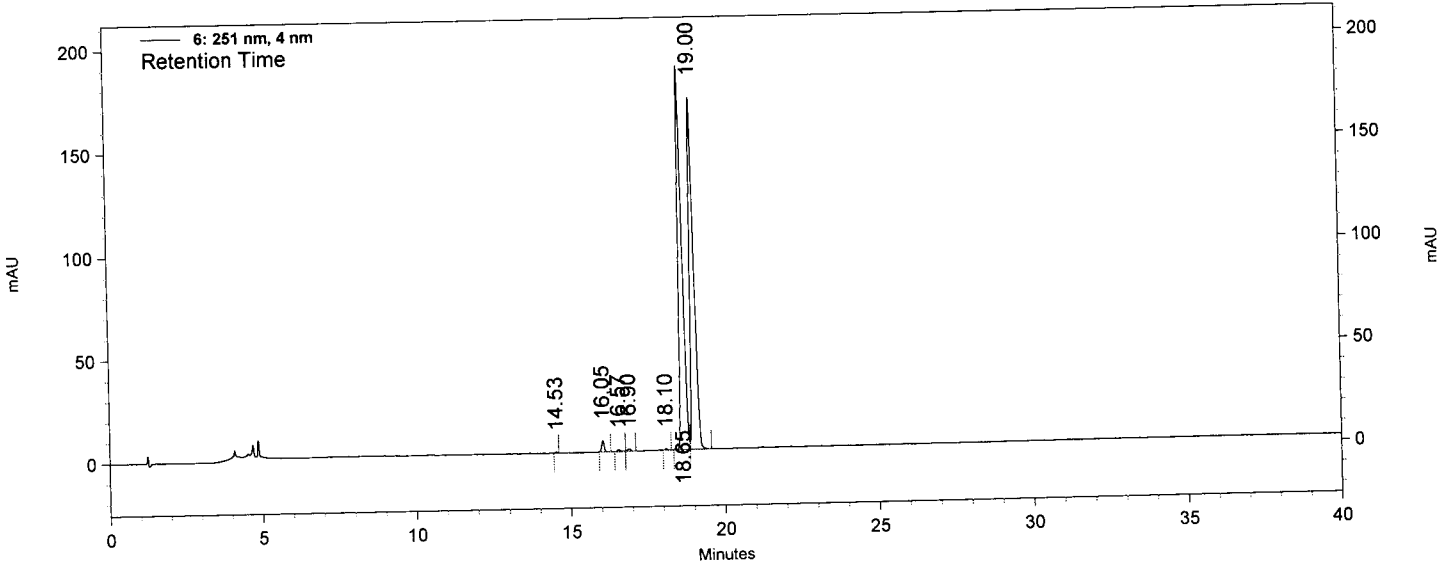
Released By Am

Date 02/12/15

AX-HPLC : QTP-2021 Revision: 002

Sample ID : N8007-T10M01A-3
 Injection : 15 µL
 Acquired : 2/12/2015 11:21:59 AM

\\10.1.1.108\shared\QC\HPLC Data\2015\Q10215\QCE\QCE0215-0102.dat



6: 251 nm, 4 nm Results

Retention Time	Area	Area Percent
14.53	2431	0.07
16.05	29703	0.90
16.57	6215	0.19
16.90	7471	0.23
18.10	3732	0.11
18.65	1646846	49.81
19.00	1610103	48.70
Totals	3306501	100.00