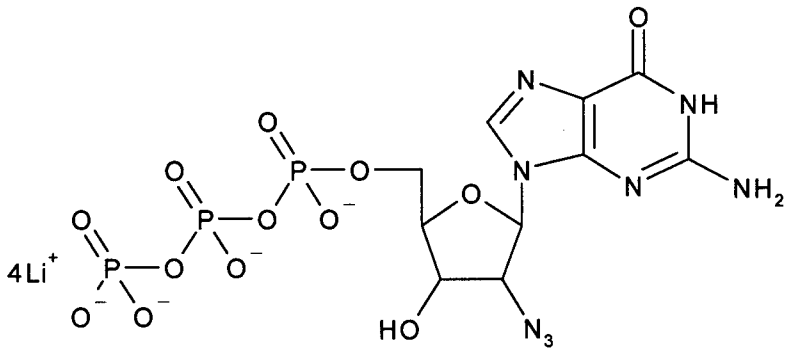
TriLink BIOTECHNOLOGIES

Certificate of Analysis

2'-Azido-2'-dGTP

N-1063



2'-Azido-2'-deoxyguanosine-5'-Triphosphate

Product Information

Catalog # (Pack Size): N-1063-1 (1 µmole)
N-1063-5 (5 µmole)
N-1063-10 (10 µmole)
N-1063-BK (Bulk Amount)

Packaged As: 100 mM in H_2O

Recommended Storage: -20°C or below

Manufacturing Lot #: T1-BOD01A

Extinction Coefficient: 13,600 $Lmol^{-1}cm^{-1}$ @ 252 nm

Molecular Weight: 548.1 g/mole (free acid)

Molecular Formula: $C_{10}H_{15}N_8O_{13}P_3$ (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	95.5%
	^{31}P NMR	98.4%
	Mass Spec	548.3 amu
	^{1}H NMR	Passes
	UV Spec	Passes

QA Approval

Approved By: [signature] QA

7/2/2015 Date

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Final Data
Released By JD
Date 6/28/15

AX-HPLC : QTP-2021 Revision: 002

Sample ID : N-1063 T1-BOD01A
Injection : 15 µL
Acquired : 6/26/2015 3:58:42 PM

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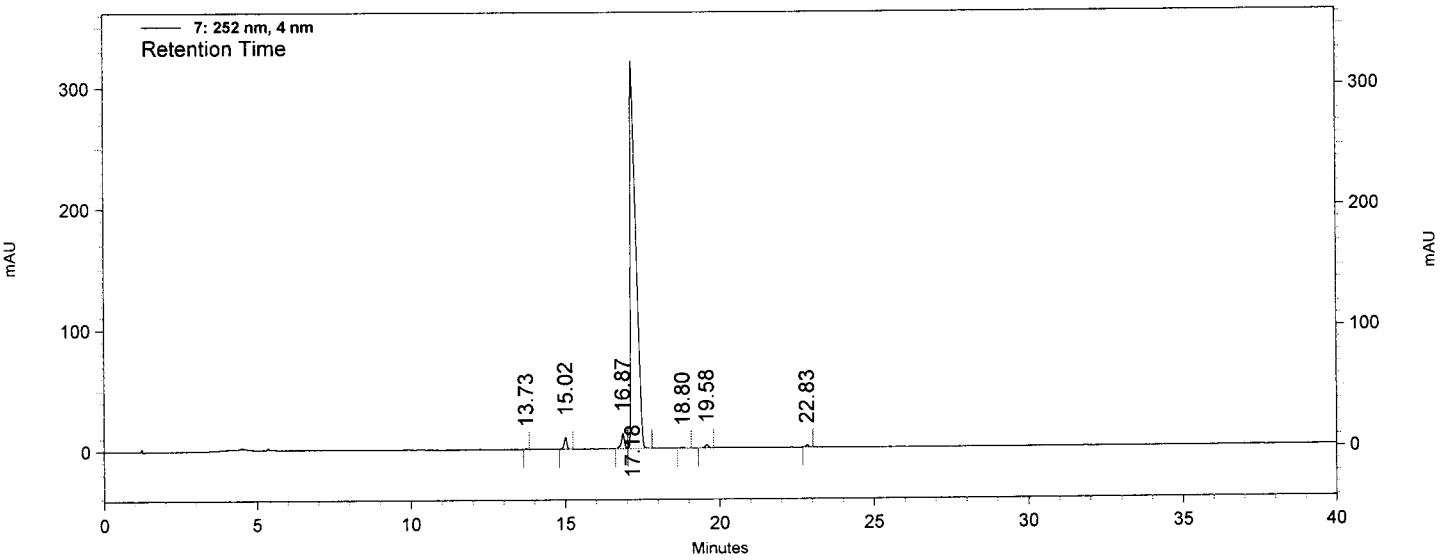

7: 252 nm, 4 nm Results

Retention Time	Area	Area Percent
13.73	3136	0.07
15.02	59799	1.43
16.87	87346	2.09
17.18	3998684	95.52
18.80	5397	0.13
19.58	20301	0.48
22.83	11579	0.28
Totals	4186242	100.00