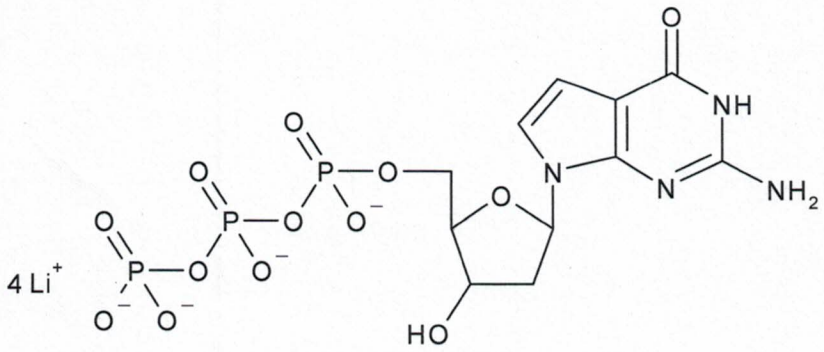
TriLink BIOTECHNOLOGIES

Certificate of Analysis

7-Deaza-2'-dGTP

N-2011



7-Deaza-2'-deoxyguanosine-5'-Triphosphate

Product Information

Catalog # (Pack Size):	N-2011-1 (1 µmole)	**Manufacturing Lot #:**	N2011-T1XU01B
	N-2011-5 (5 µmole)	**Packaging Lot #:**	N2011-T1XU01B-3
	N-2011-10 (10 µmole)	**Extinction Coefficient:**	10,069 $Lmol^{-1}cm^{-1}$ @ 259 nm
	N-2011-BK (Bulk Amount)	**Molecular Weight:**	506.0 g/mole (free acid)
		Molecular Formula:	$C_{11}H_{17}N_4O_{13}P_3$ (free acid)
Packaged As:	**100 mM in H_2O**	**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
	^{31}P NMR	Passes
	^{1}H NMR	Passes
	Mass Spec	Passes
	UV-Spec	Passes
Packaging Lot:	AX-HPLC	Passes

QA Approval

Approved By: ElAquino (QA) 7/1/2016 (Date)

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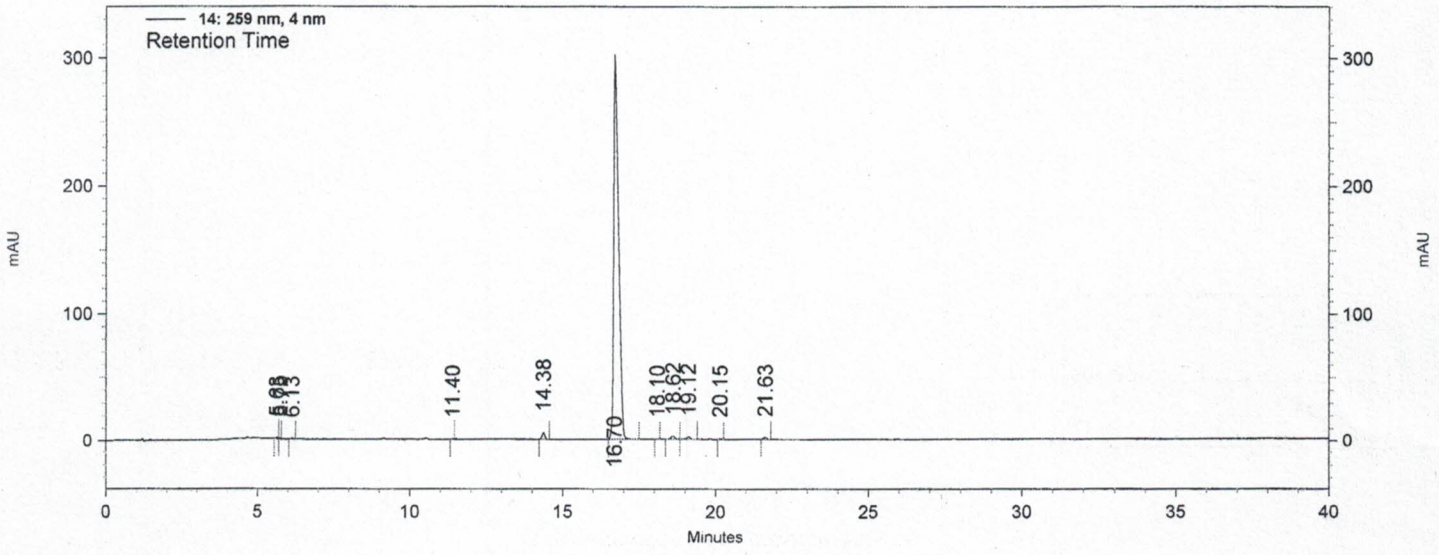
Final Data
Released By JD
Date 7/1/16

AX-HPLC : QTP-2021 Revision: 002

Sample ID : N2011 T1XU01B-3
Injection : 15 µL
Acquired : 6/28/2016 3:19:03 PM

Z:\QC\HPLC Data\2016\QR0616\QCG\QCG0616-0329.dat



14: 259 nm, 4 nm Results

Retention Time	Area	Area Percent
5.63	5135	0.15
5.75	2478	0.07
6.13	2455	0.07
11.40	1603	0.05
14.38	33032	0.97
16.70	3290143	96.98
18.10	1949	0.06
18.62	23747	0.70
19.12	17838	0.53
20.15	2813	0.08
21.63	11314	0.33

Totals		
	3392507	100.00