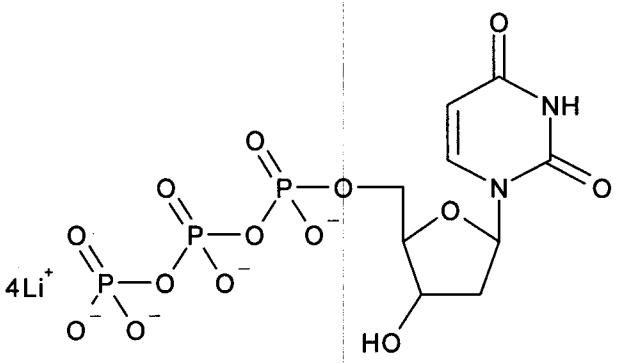
TriLink BioTechnologies

Certificate of Analysis

2'-dUTP

N-2020



2'-Deoxyuridine-5'-Triphosphate

Product Information

Catalog # (Pack Size):	N-2020-1 (1 µmole)	**Manufacturing Lot #:**	N-2020-021109B
	N-2020-5 (5 µmole)	**Extinction Coefficient:**	10,100 $Lmol^{-1}cm^{-1}$ @ 262 nm
	N-2020-10 (10 µmole)	**Molecular Weight:**	468.1 g/mole (free acid)
	N-2020-BK (Bulk Amount)	**Molecular Formula:**	$C_9H_{15}N_2O_{14}P_3$ (free acid)
		Final Salt Form:	Li+
Packaged As:	100 mM in H_2O	**Handling:**	Avoid repeated freeze/thaw cycles. Upon first use, it is recommended to aliquot sample into single use portions.
Recommended Storage:	-20°C or below		

QC Analysis

Manufacturing Lot:	Method of Analysis:	Results:
	AX-HPLC	92.0%
	^{31}P NMR	98.8%
	Mass Spec	468.2 g/mol
	^{1}H NMR	Passes
	UV Spec	Passes

QA Approval

Approved By: _____ QA

2/6/2015 Date

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Final Data
Released By JD
Date 2/2/15

AX-HPLC : QTP-2021 Revision: 002

Sample ID : N-2020-021109B
Injection : 15 µL
Acquired : 2/1/2015 5:40:24 PM

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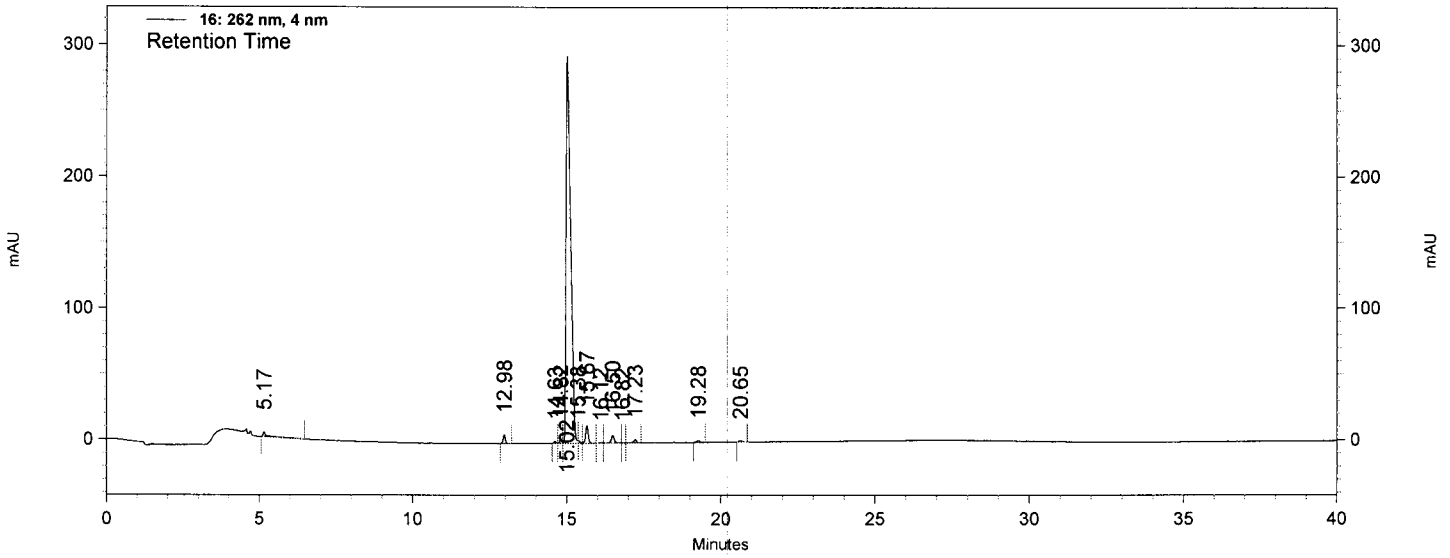

16: 262 nm, 4 nm Results

Retention Time	Area	Area Percent
5.17	37242	1.14
12.98	33533	1.02
14.63	6839	0.21
14.82	11812	0.36
15.02	3014199	92.09
15.38	6803	0.21
15.67	77954	2.38
16.12	3692	0.11
16.50	42363	1.29
16.82	1573	0.05
17.23	17619	0.54
19.28	10538	0.32
20.65	8885	0.27
Totals	3273052	100.00