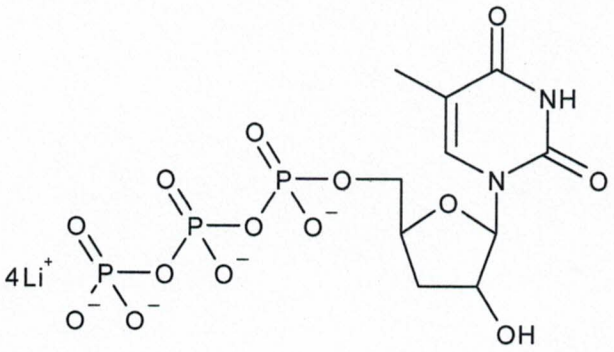
TriLink BIOTECHNOLOGIES

Certificate of Analysis

5-Methyl-3'-dUTP

N-3004



3'-Deoxy-5-methyluridine-5'-Triphosphate

Product Information

Catalog # (Pack Size):	N-3004-1 (1 µmole)	**Manufacturing Lot #:**	N-3004-090803
	N-3004-5 (5 µmole)	**Packaging Lot #:**	N-3004-090803-4
	N-3004-10 (10 µmole)	**Extinction Coefficient:**	9,650 $Lmol^{-1}cm^{-1}$ @ 267 nm
	N-3004-BK (Bulk Amount)	**Molecular Weight:**	482.1 g/mole (free acid)
		Molecular Formula:	$C_{10}H_{17}N_2O_{14}P_3$ (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: [signature] QA

3/29/2017 Date

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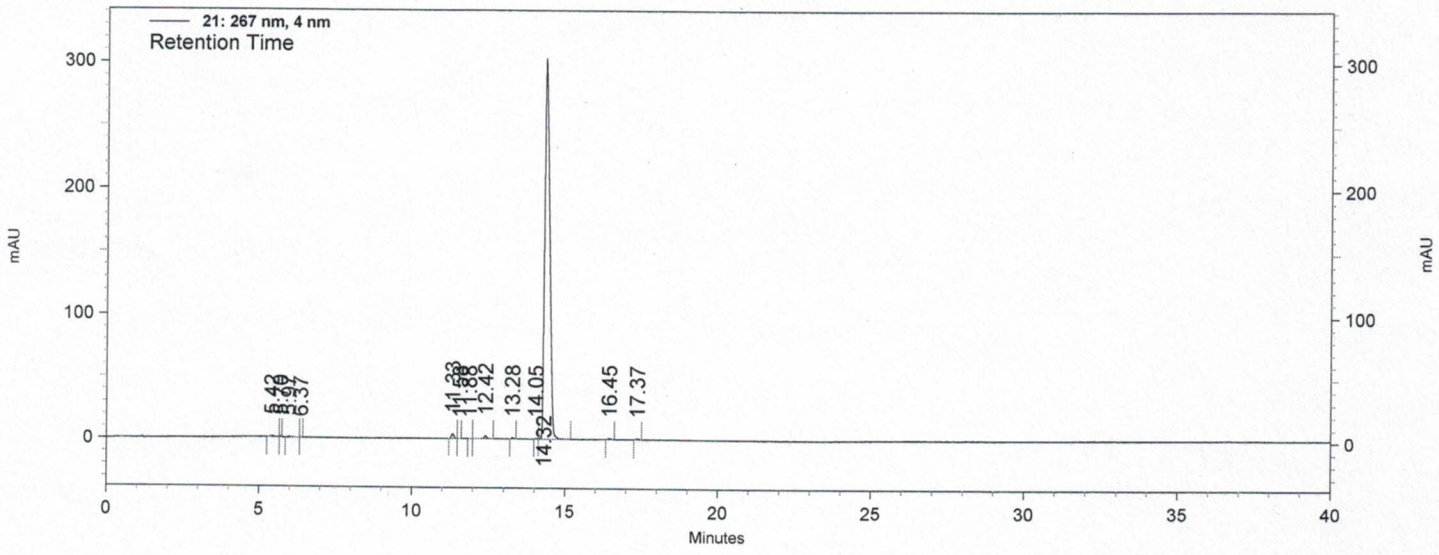
Certificate of Analysis

Final Data
Released By JR
Date 3/23/17

AX-HPLC : QTP-2021 Revision: 002

Sample ID : N-3004-090803-4
Injection : 15 µL
Acquired : 3/23/2017 1:33:53 PM

\\Server6\shared\QC\HPLC Data\2017\QR0317\QCG\QCG0317-0278B.dat



21: 267 nm, 4 nm Results

Retention Time	Area	Area Percent
5.42	9542	0.27
5.70	2678	0.08
5.97	6814	0.20
6.37	551	0.02
11.33	20915	0.60
11.58	488	0.01
11.88	1015	0.03
12.42	16098	0.46
13.28	3931	0.11
14.05	2385	0.07
14.32	3397086	97.79
16.45	5691	0.16
17.37	6627	0.19
Totals	3473821	100.00

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