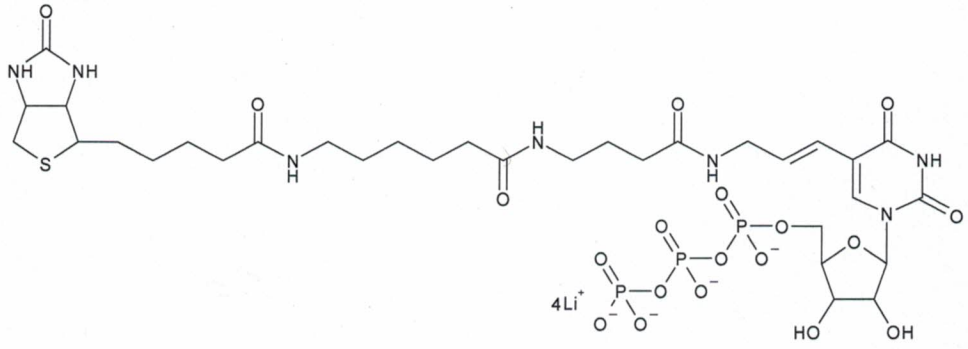
TriLink BIOTECHNOLOGIES

Certificate of Analysis

Biotin-16-AA-UTP

N-5005



Biotin-16-Aminoallyluridine-5'-Triphosphate

Product Information

Catalog # (Pack Size):	N-5005-0250 (250 nmole)	**Manufacturing Lot #:**	T1-BUP01A
	N-5005-1 (1 µmole)	**Packaging Lot #:**	T1-BUP01A-1
	N-5005-2 (2 µmole)	**Extinction Coefficient:**	7,100 $Lmol^{-1}cm^{-1}$ @ 290 nm
	N-5005-BK (Bulk Amount)	**Molecular Weight:**	963.8 g/mol (free acid)
		Molecular Formula:	$C_{32}H_{52}N_7O_{19}P_3S$ (free acid)
Packaged As:	50 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: GLAquino QA

2/10/2016 Date

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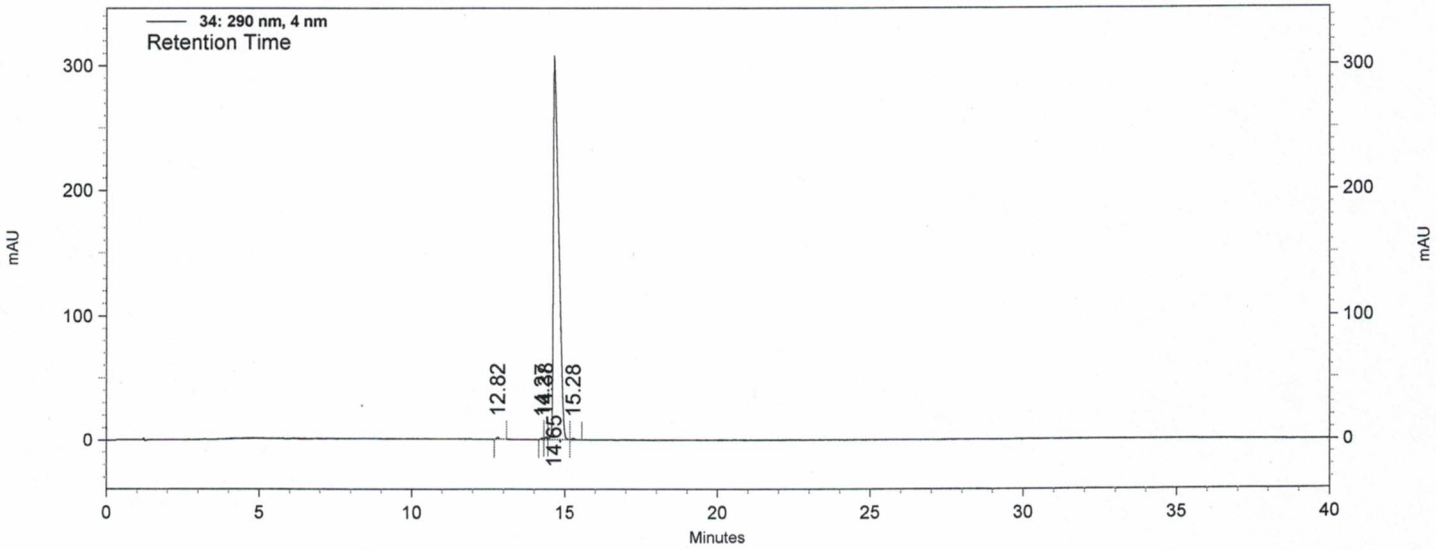
Final Data
Released By JD
Date 2/9/16

AX-HPLC : QTP-2021 Revision: 002

Sample ID : N-5005 T1-BUP01A
Injection : 15 µL
Acquired : 2/3/2016 6:22:59 PM

Z:\QC\HPLC Data\2016\QR0216\QCG\QCG0216-0056.dat



34: 290 nm, 4 nm Results

Retention Time	Area	Area Percent
12.82	9423	0.25
14.27	5796	0.16
14.38	10996	0.30
14.65	3677294	99.01
15.28	10611	0.29
Totals	3714120	100.00