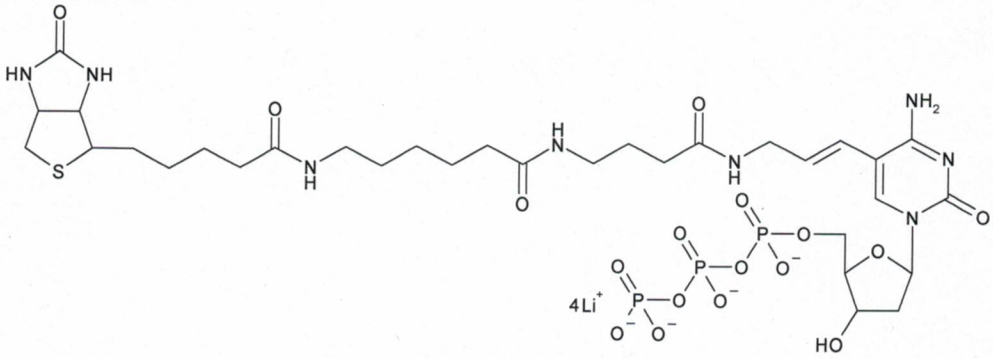
TriLink BIOTECHNOLOGIES

Certificate of Analysis

Biotin-16-AA-2'-dCTP

N-5002



Biotin-16-Aminoallyl-2'-deoxycytidine-5'-Triphosphate

Product Information

Catalog # (Pack Size): N-5002-050 (50 nmole)
N-5002-1 (1 µmole)
N-5002-BK (Bulk amount)

Packaged As: 5 mM in H_2O

Recommended Storage: -20°C or below

Manufacturing Lot #: T1-BQD01B

Packaging Lot #: T1-BQD01B-3

Extinction Coefficient: 5,040 $Lmol^{-1}cm^{-1}$ @ 290 nm

Molecular Weight: 946.7 g/mole (free acid)

Molecular Formula: $C_{32}H_{53}N_8O_{17}P_3S$ (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	Passes
	^{31}P NMR	Passes
	^{1}H NMR	Passes
	Mass Spec	Passes
	UV-Spec	Passes
Packaging Lot:	AX-HPLC	Passes

QA Approval

Approved By: EKAquino
QA

4/19/2016
Date

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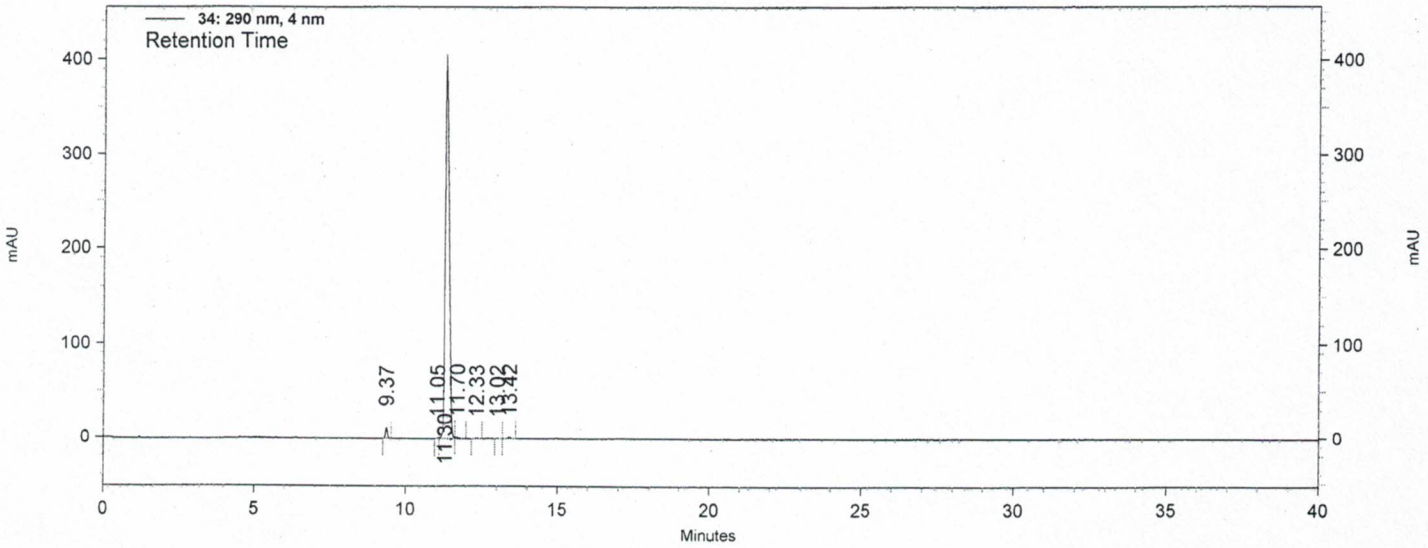
AX-HPLC : QTP-2021 Revision: 002

JD
4/15/16

Sample ID : N-5002 T1-BQD01B-3
Injection : 15 µL
Acquired : 4/14/2016 5:50:36 PM

Z:\QC\HPLC Data\2016\QR0416\QCG\QCG0416-0181.dat



34: 290 nm, 4 nm Results

Retention Time	Area	Area Percent
9.37	55071	1.49
11.05	2973	0.08
11.30	3605211	97.45
11.70	14947	0.40
12.33	6016	0.16
13.02	3217	0.09
13.42	11985	0.32
Totals	3699420	100.00