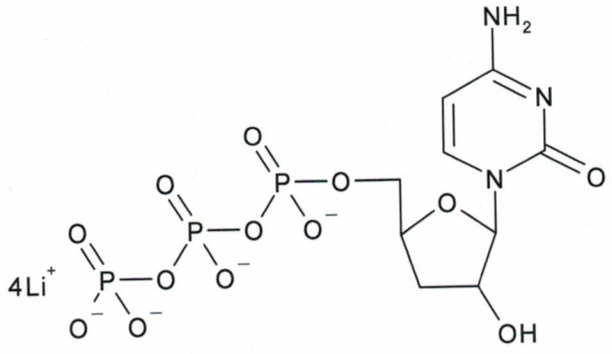
TriLink BIOTECHNOLOGIES

Certificate of Analysis

3'-dCTP

N-3003



3'-Deoxycytidine-5'-Triphosphate

Product Information

Catalog # (Pack Size): N-3003-1 (1 µmole)
N-3003-5 (5 µmole)
N-3003-10 (10 µmole)
N-3003-BK (Bulk Amount)

Packaged As: 100 mM in H_2O

Recommended Storage: -20°C or below

Manufacturing Lot #: N-3003-120104

Packaging Lot #: N-3003-120104-6

Extinction Coefficient: 9,100 $Lmol^{-1}cm^{-1}$ @ 271 nm

Molecular Weight: 467.1 g/mole (free acid)

Molecular Formula: $C_9H_{16}N_3O_{13}P_3$ (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	99.0%

QA Approval

Approved By: [signature] QA

10/2/2015 Date

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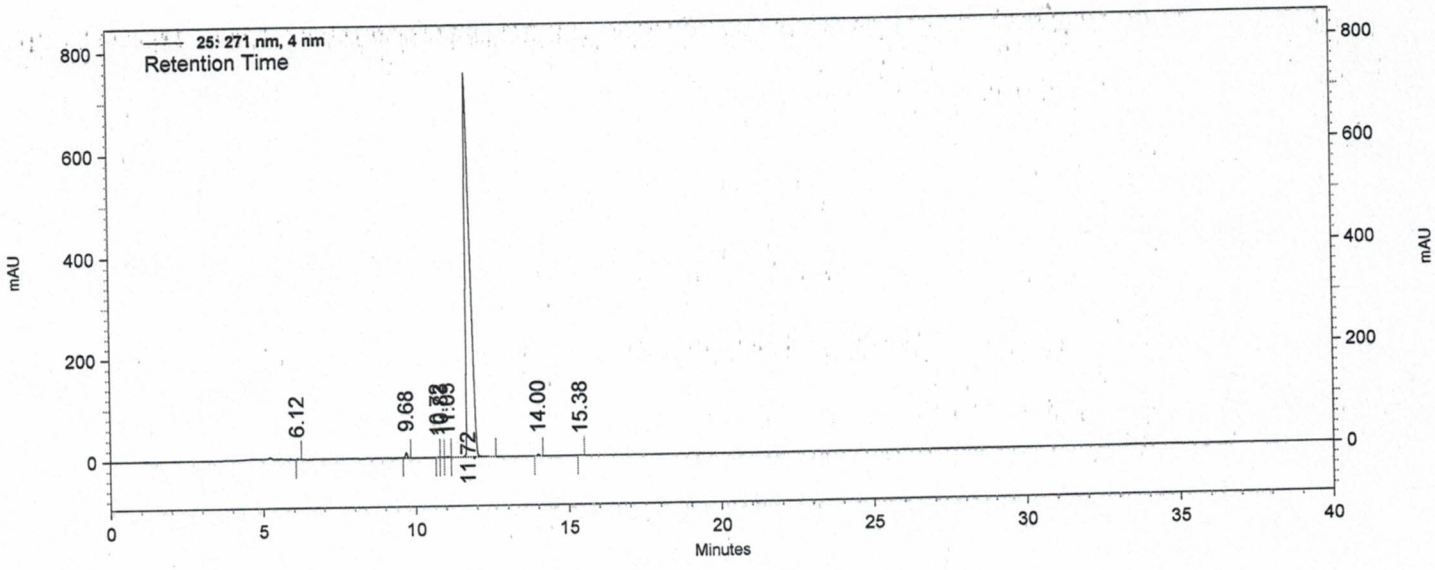
Final Data
Released By JD
Date 10/1/15

AX-HPLC : QTP-2021 Revision: 002

Sample ID : N-3003-120104-6
Injection : 15 µL
Acquired : 9/30/2015 11:05:25 PM

Z:\QC\HPLC Data\2015\QR0915\QCG\QCG0915-0454.dat



25: 271 nm, 4 nm Results

Retention Time	Area	Area Percent
6.12	4605	0.06
9.68	42956	0.54
10.72	2525	0.03
10.83	2935	0.04
11.05	5929	0.07
11.72	7884947	99.00
14.00	16278	0.20
15.38	4284	0.05
Totals	7964459	100.00