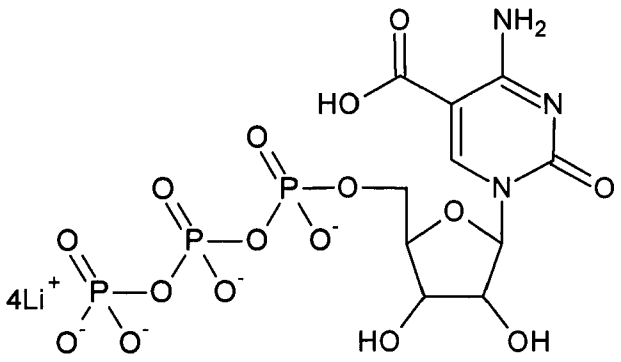
TriLink BioTechnologies

Certificate of Analysis

5-Carboxy-CTP

N-1084



5-Carboxycytidine-5'-Triphosphate

Product Information

Catalog # (Pack Size):	N-1084-1 (1 µmole)	**Manufacturing Lot #:**	T1-AZA01A
	N-1084-5 (5 µmole)	**Extinction Coefficient:**	7,580 Lmol-1cm-1 @ 279 nm
	N-1084-10 (10 µmole)	**Molecular Weight:**	527.1 g/mole (free acid)
	N-1084-BK (Bulk amount)	**Molecular Formula:**	$C_{10}H_{16}N_3O_{16}P_3$ (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

	Method of Analysis:	Results:
Manufacturing Lot:	AX-HPLC	95.5%
	^{31}P NMR	98.8%
	Mass Spec	527.1 amu
	^{1}H NMR	Passes
	UV Spec	Passes

QA Approval

Approved By: _____ QA

3/28/2014 Date

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Final Data
Released By
Date 03/18/14

AX-HPLC : QTP-2021 Revision: 002

Sample ID : N1084 T1-AZA01A
Injection : 15 µL
Acquired : 3/18/2014 12:29:08 PM

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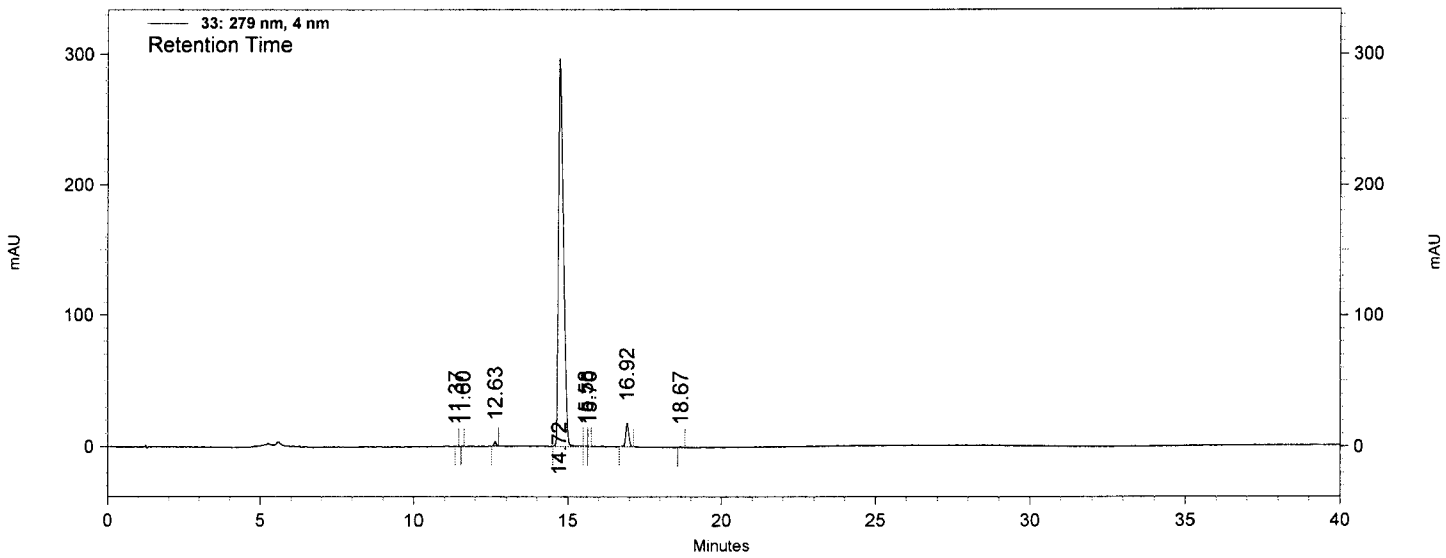

33: 279 nm, 4 nm Results

Retention Time	Area	Area Percent
11.37	1409	0.04
11.60	1085	0.03
12.63	15904	0.46
14.72	3333611	95.54
15.58	2363	0.07
15.70	882	0.03
16.92	129231	3.70
18.67	4606	0.13

Totals		
	3489091	100.00