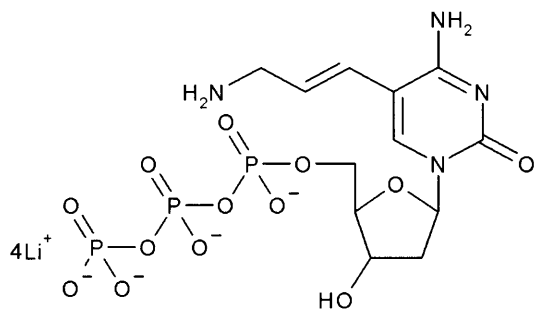
TriLink BioTechnologies

Certificate of Analysis

5-Aminoallyl-2'-deoxycytidine-5'-Triphosphate N-2048



Product Information

Catalog # (Pack Size):	N-2048-1 (1 umole) N-2048-5 (5 umoles) N-2048-10 (10 umoles) N-2048-BK (Bulk Amount)	**Manufacturing Lot #:**	N-2048-110707
		Packaging Lot #:	N-2048-110707-1
		Extinction Coefficient:	5,041 $Lmol^{-1}cm^{-1}$ @ 290 nm
		Molecular Weight:	522.0 g/mole (free acid)
		Molecular Formula:	$C_{12}H_{21}N_4O_{13}P_3$ (free acid)
Packaged As:	100 mM in H_2O	**Final Salt Form:**	Li+
Storage:	At -20°C	**Handling:**	Avoid repeated freeze/thaw cycles. Upon first use, it is recommended to aliquot sample into single use portions.

For research use only

QC Analysis

	Method of Analysis:	Results:
Manufacturing Lot:	AX-HLPC	Passes
	^{31}P NMR	Passes
	^{1}H NMR	Passes
	Mass Spec	Passes
	UV Spec	Passes
Packaging Lot:	AX-HPLC	92.6%

QA Approval

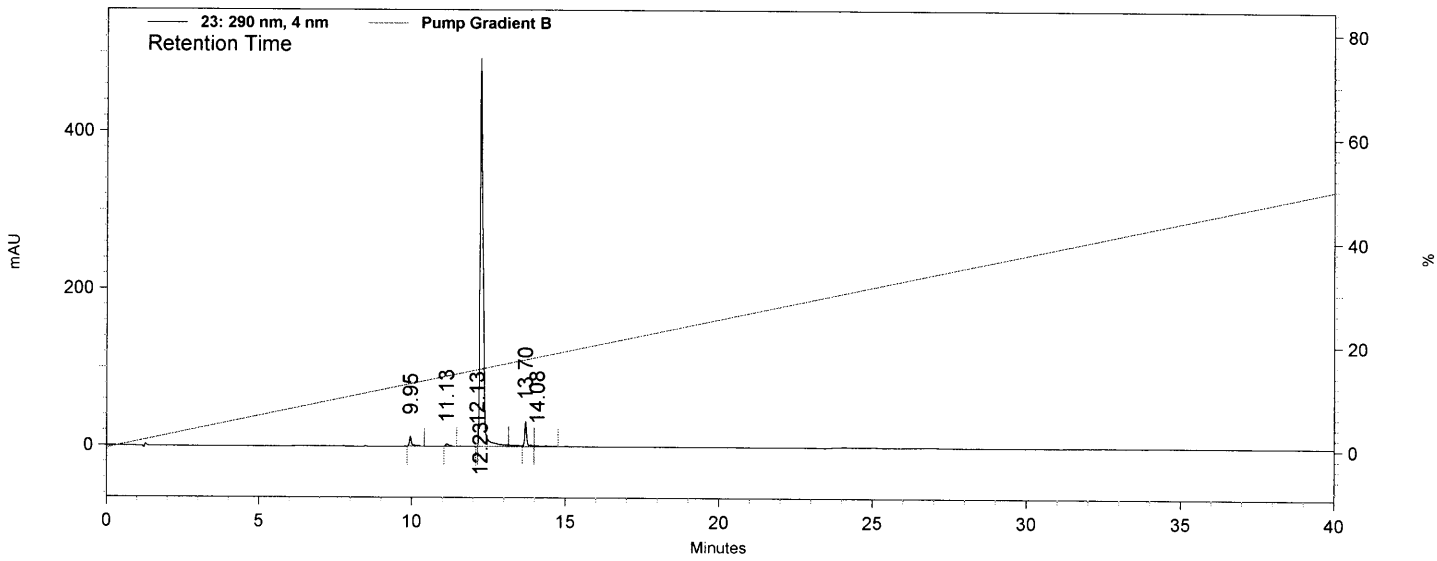
Packaging Lot Approved By: _____ QA _____ 2/28/11 Date

Final Data
Released By 32
Date 2/24/11

AX-HPLC : **QTP-2021**
Column : Dionex DNA PAC PA-100 4 x 250 mm
Buffer A : 25 mM Tris, pH = 9-11 **Buffer B** : 25 mM Tris pH = 9-11, 1 M LiCl
Gradient : 0-50 % B over 40 min **Flow Rate** : 1 mL/min **Temperature** : Room Temperature

Sample ID : N-2048-110707-1
Acquired : 2/16/2011 1:09:01 PM

C:\32Karat\Projects\Default\Data\QI0211\QCF\QCF0211-0125.dat



23: 290 nm, 4 nm Results

Retention Time	Area	Area Percent
9.95	68125	1.88
11.13	23458	0.65
12.13	848	0.02
12.23	3356458	92.65
13.70	153867	4.25
14.08	20055	0.55
Totals	3622811	100.00