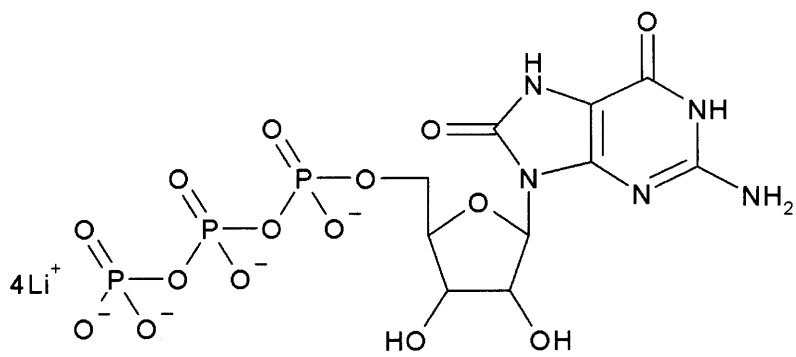
TriLink BioTechnologies

Certificate of Analysis

8-Oxo-GTP

N-1066



8-Oxoguanosine-5'-Triphosphate

Product Information

Catalog # (Pack Size):	N-1066-1 (1 µmole)	**Manufacturing Lot #:**	N-1066-110503
	N-1066-5 (5 µmoles)	**Packaging Lot #:**	N-1066-110503-2
	N-1066-10 (10 µmoles)	**Extinction Coefficient:**	7,868 $Lmol^{-1}cm^{-1}$ @ 296 nm
	N-1066-BK (Bulk Amount)	**Molecular Weight:**	539.1 g/mole (free acid)
		Molecular Formula:	$C_{10}H_{16}N_5O_{15}P_3$ (free acid)
Packaged As:	100 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	99.3%

QA Approval

Approved By: Stephanie Amedo
QA

08/07/2012
Date

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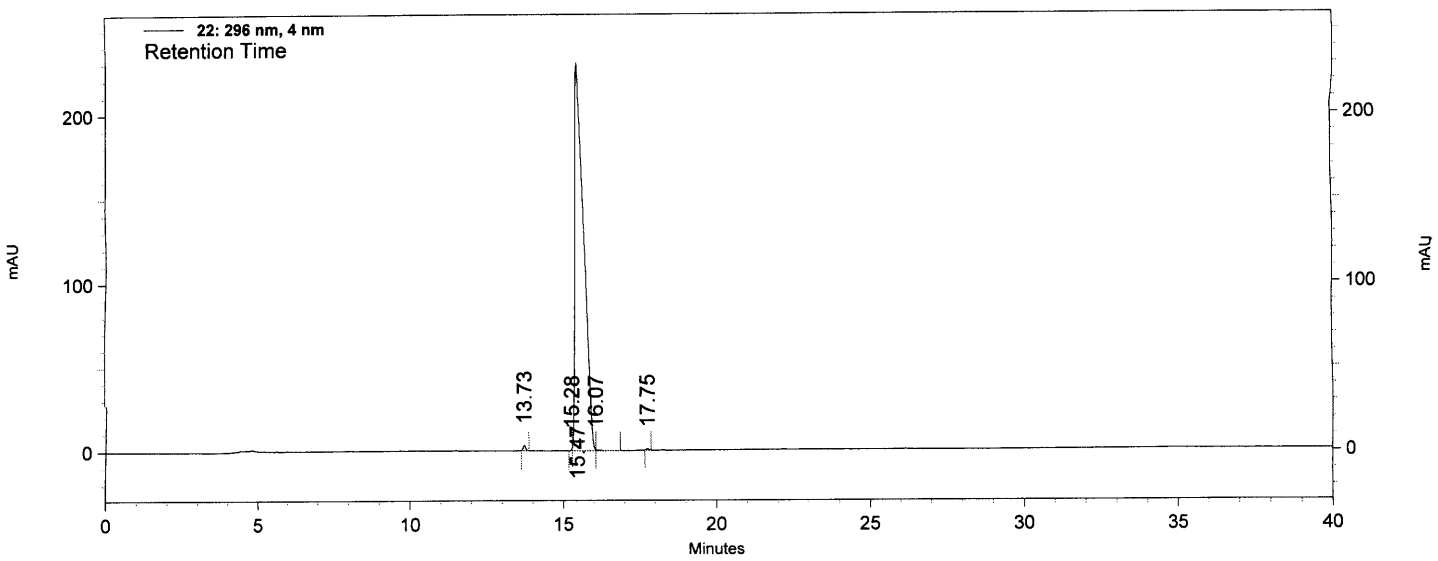
Final Data
Released By
Date 08/02/12

AX-HPLC : **QTP-2021**
Column : Dionex DNA PAC PA-100 4 x 250 mm **Injection** : 15 uL
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-1066-110503-2
Acquired : 8/2/2012 10:56:47 AM

C:\32Karat\Projects\Default\Data\QC0812\QCI\QCI0812-0016.dat



22: 296 nm, 4 nm Results

Retention Time	Area	Area Percent
13.73	17486	0.38
15.28	1489	0.03
15.47	4549783	99.39
16.07	4299	0.09
17.75	4861	0.11

Totals		
	4577918	100.00