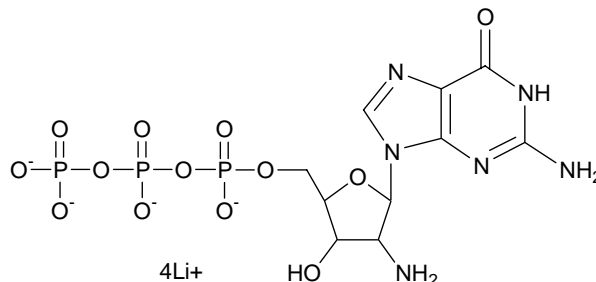


Compound**2'-Amino-2'-deoxyguanosine-5'-Triphosphate**Molecular Formula: C₁₀H₁₇N₆O₁₃P₃ (free acid)

Lot Number: N-1064-022103

**Catalog # (Pack Size)**N-1064-1 (1 μmole)
N-1064-5 (5 μmoles)
N-1064-10 (10 μmoles)
N-1064-BK (Bulk amount)**Packaged As**100 mM solution in H₂O**Purity**98.7% by AX-HPLC
100% by ³¹P NMR**Method of Analysis**AX-HPLCColumn: Dionex DNAPac PA-100, 4 x 250 mm
Buffer A: 25 mM Tris Base, pH 9-11
Buffer B: 25 mM Tris Base in 1 M LiCl, pH 9-11
0-50% B over 40 minutes, 1.0 mL/minute³¹P NMRMass Spec

Found Mass: 521.0 amu; Pass

UV Spec**Attachments**

AX-HPLC

CommentsMolecular weight = 522.2 g/mole (free acid)
Extinction coefficient = 13,600 Lmol⁻¹cm⁻¹ at 252 nm
Lithium salt form
Store at -20°C
Avoid repeated freeze/thaw cycles. Upon first use, it is recommended to aliquot sample into single use portions.**Released By**

QA

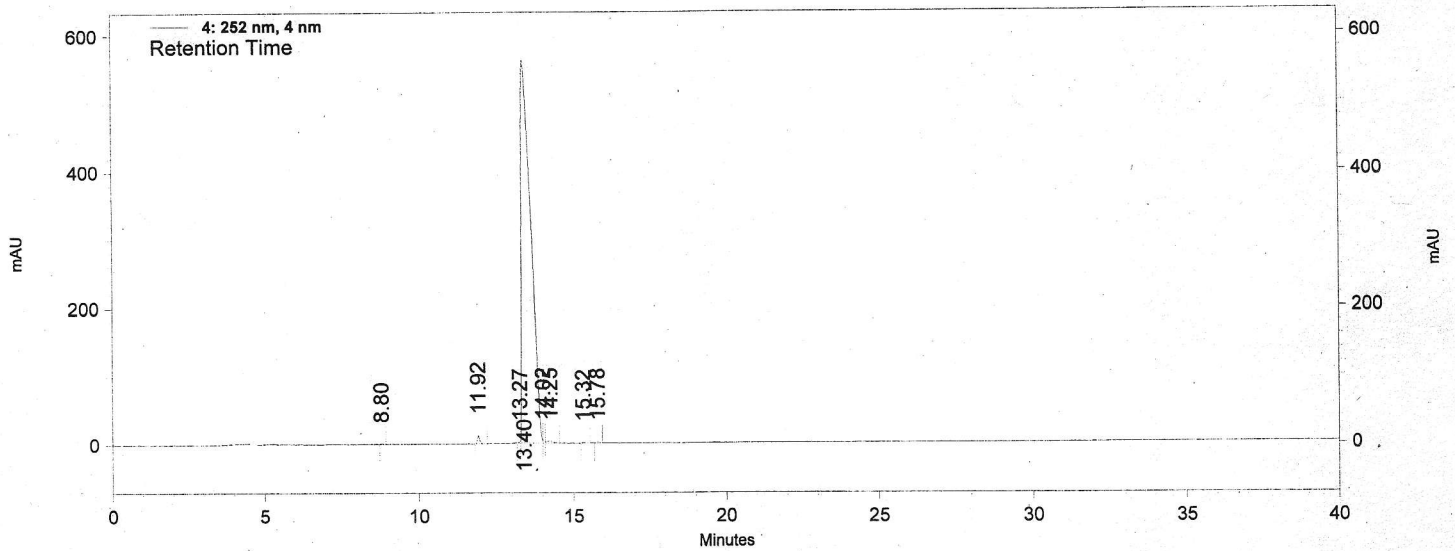
December 22, 2009

Date

AX-HPLC : 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 : N1064-022103
Acquired : 12/24/2009 1:05:40 PM

C:\32Karat\Projects\Default\Data\QD1209\QXD\QXD1209-0148.dat



4: 252 nm, 4 nm Results		
Retention Time	Area	Area Percent
8.80	4461	0.04
11.92	62642	0.51
13.27	5631	0.05
13.40	12183208	98.77
14.02	11047	0.09
14.25	47978	0.39
15.32	5252	0.04
15.78	15275	0.12
Totals	12335494	100.00