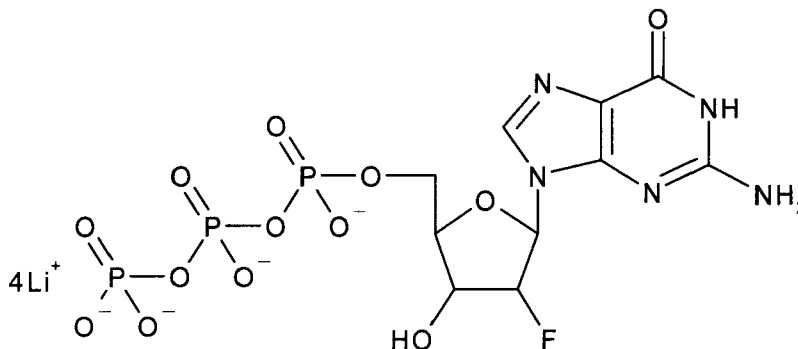


**2'-Fluoro-2'-dGTP**
**N-1009**


2'-Fluoro-2'-deoxyguanosine-5'-Triphosphate

## Product Information

**Catalog # (Pack Size):** N-1009-1 (1  $\mu$ mole)  
 N-1009-5 (5  $\mu$ moles)  
 N-1009-10 (10  $\mu$ moles)  
 N-1009-BK (Bulk Amount)

**Packaged As:** 100 mM in H<sub>2</sub>O

**Recommended Storage:** -20°C or below

**Manufacturing Lot #:** N1009-T10D01A

**Packaging Lot #:** N1009-T10D01A-5

**Extinction Coefficient:** 13,600 Lmol<sup>-1</sup>cm<sup>-1</sup> @ 252 nm

**Molecular Weight:** 525.1 g/mole (free acid)

**Molecular Formula:** C<sub>10</sub>H<sub>15</sub>N<sub>5</sub>O<sub>13</sub>P<sub>3</sub>F (free acid)

**Final Salt Form:** Li<sup>+</sup>

**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

<sup>31</sup>P NMR

Passes

<sup>1</sup>H NMR

Passes

Mass Spec

Passes

UV-Spec

Passes

**Packaging Lot:** AX-HPLC

95.6%

## QA Approval

**Approved By:** \_\_\_\_\_

QA

*CLA [Signature]*

**Date** \_\_\_\_\_

*1/22/2014*

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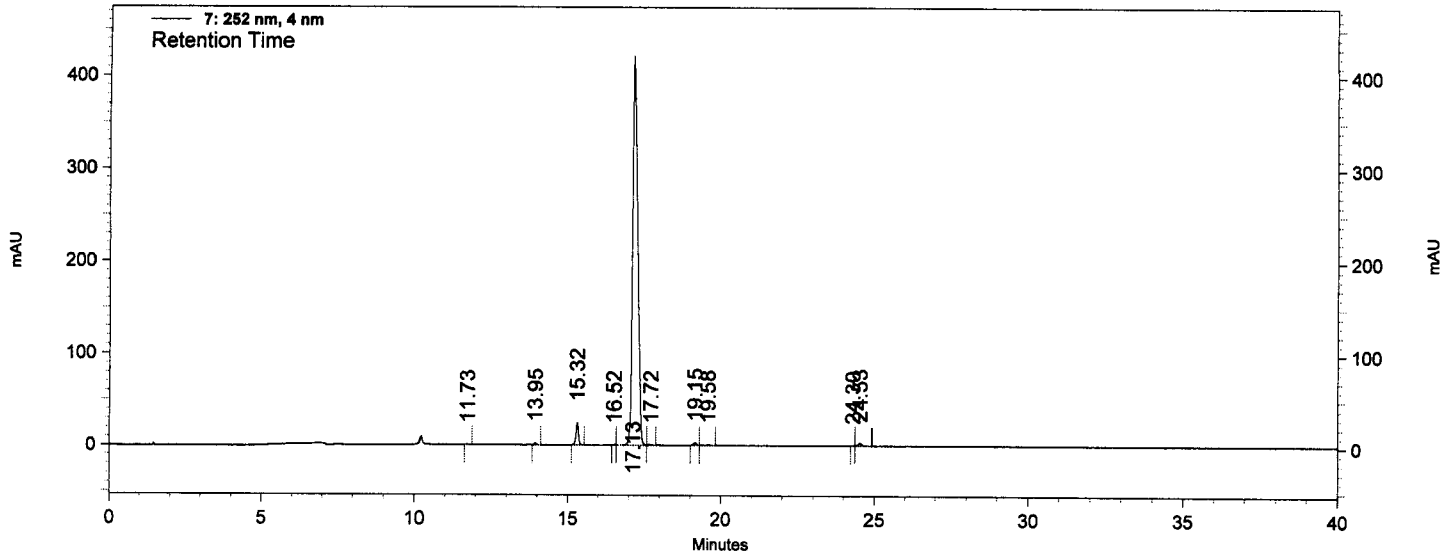
The Modified Nucleic Acid Experts

Final Data  
 Released By Gem  
 Date 01/21/14

AX-HPLC : QTP-2021      Revision: 002

Sample ID : N1009-T1OD01A-5  
 Injection : 15 µL  
 Acquired : 1/20/2014 6:16:20 PM

Z:\QC\HPLC Data\2014\QD0114\QCI\QCI0114-0175.dat



7: 252 nm, 4 nm Results

Retention Time	Area	Area Percent
11.73	2064	0.04
13.95	10330	0.20
15.32	140591	2.77
16.52	1822	0.04
17.13	4861457	95.61
17.72	6740	0.13
19.15	19379	0.38
19.58	10885	0.21
24.30	2586	0.05
24.53	28610	0.56
<b>Totals</b>	<b>5084464</b>	<b>100.00</b>