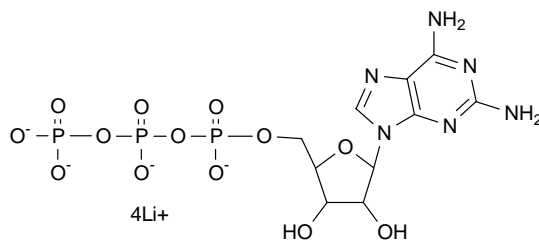


**Compound****2-Aminoadenosine-5'-Triphosphate**Molecular Formula: C<sub>10</sub>H<sub>17</sub>N<sub>6</sub>O<sub>13</sub>P<sub>3</sub> (free acid)

Lot Number: N-1001-010901

**Catalog # (Pack size)**N-1001-1 (1 μmole)  
N-1001-5 (5 μmoles)  
N-1001-10 (10 μmoles)  
N-1001-BK (Bulk Amount)**Packaged As**100 mM solution in H<sub>2</sub>O**Purity**93.3% by AX-HPLC  
94.5% by <sup>31</sup>P NMR**Method of Analysis**AX-HPLC

Column: 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/min

<sup>31</sup>P NMRMass Spec

Found Mass: 521.8 amu; Pass

UV Spec**Attachments**

AX-HPLC

**Comments**

Molecular weight = 522.2 g/mole (free acid)

Extinction coefficient = 9,894 Lmol<sup>-1</sup>cm<sup>-1</sup> at 279 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

March 24, 2010

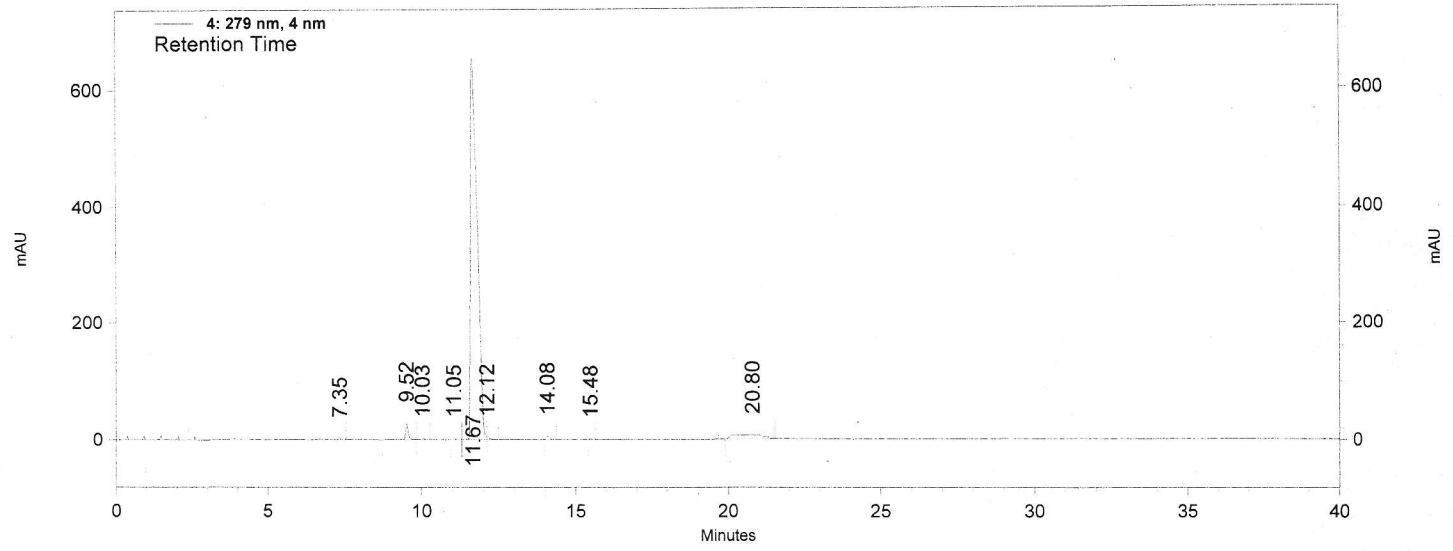
Date

Final Data  
Released by *[Signature]*  
Date 12/9/09

**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** : N-1001-010901  
**Acquired** : 12/9/2009 1:42:58 PM

C:\32Karat\Projects\Default\Data\QD1209\QXD\QXD1209-0027.dat



4: 279 nm, 4 nm Results

Retention Time	Area	Area Percent
7.35	7609	0.07
9.52	160196	1.51
10.03	15283	0.14
11.05	15107	0.14
11.67	9890457	93.31
12.12	18712	0.18
14.08	40834	0.39
15.48	7141	0.07
20.80	444559	4.19
<b>Totals</b>	<b>10599898</b>	<b>100.00</b>