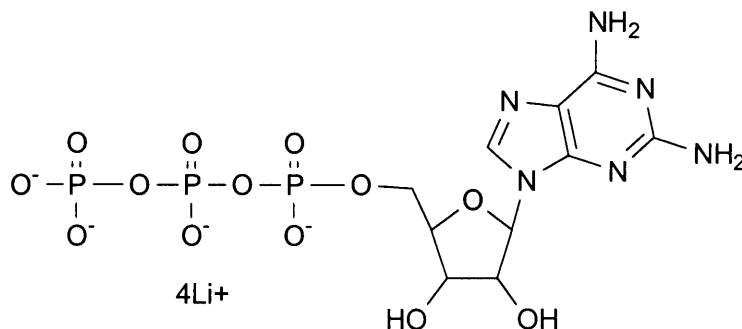


Compound**2-Aminoadenosine-5'-Triphosphate**Molecular Formula: $C_{10}H_{17}N_6O_{13}P_3$ (free acid)

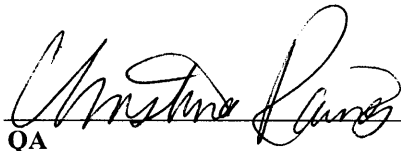
Lot Number: N1001-T1TM01A

**Catalog # (Pack size)**N-1001-1 (1 μ mole)
N-1001-5 (5 μ moles)
N-1001-10 (10 μ moles)
N-1001-BK (Bulk Amount)**Packaged As**100 mM solution in H_2O **Purity**97.7% by AX-HPLC
100% by ^{31}P 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/min ^{31}P NMR 1H NMRMass Spec

Found Mass: 522.7 amu; Pass

UV Spec**Attachments**

AX-HPLC

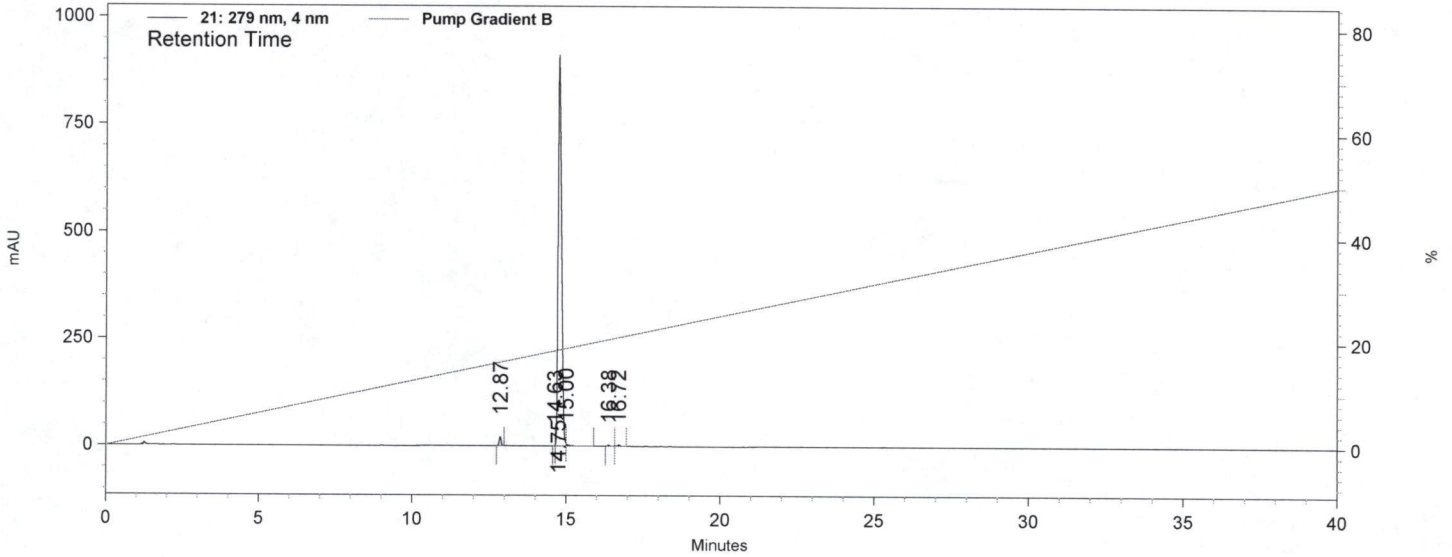
CommentsMolecular weight = 522.2 g/mole (free acid)
Extinction coefficient = 9,894 $Lmol^{-1}cm^{-1}$ at 279 nm
Lithium salt form
Store at $-20^\circ C$ or below
Avoid repeated freeze/thaw cycles. Upon first use, it is recommended to aliquot sample into single use portions.**Released By**
QA1/21/11
Date

Final Data
 Released By: dm
 Date: 01/14/11

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 : N1001-T1TM01A
Acquired : 1/14/2011 1:30:31 PM

C:\32Karat\Projects\Default\Data\Q10111\QCF\QCF0111-0090.dat



21: 279 nm, 4 nm Results

| Retention Time | Area | Area Percent |
|----------------|----------------|---------------|
| 12.87 | 85624 | 1.22 |
| 14.63 | 2844 | 0.04 |
| 14.75 | 6873226 | 97.75 |
| 15.00 | 38182 | 0.54 |
| 16.38 | 13823 | 0.20 |
| 16.72 | 18000 | 0.26 |
| Totals | 7031699 | 100.00 |