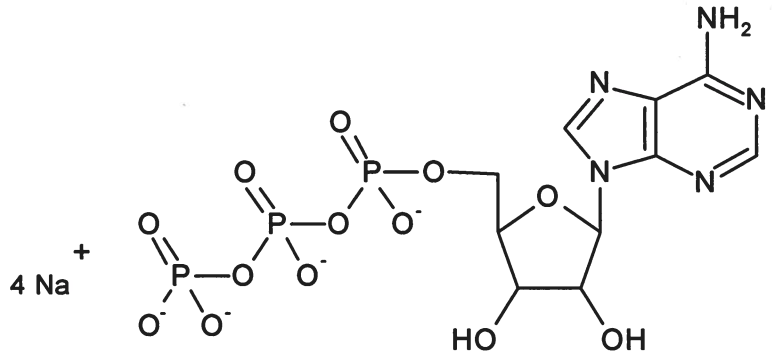
TriLink BIOTECHNOLOGIES
part of Maravai LifeSciences

Certificate of Analysis

ATP

N-1510



Adenosine-5'-Triphosphate

Product Information

Catalog # (Pack Size): N-1510-25 (25 µmole)
N-1510-BK (Bulk amount)

Manufacturing Lot #: T1-CQH01A

Extinction Coefficient: 15,400 $Lmol^{-1}cm^{-1}$ @ 259 nm

Molecular Weight: 507.1 g/mole (free acid)

Molecular Formula: $C_{10}H_{16}N_5O_{13}P_3$ (free acid)

Final Salt Form: Na+

Packaged As: 100 mM in H_2O

Handling: Avoid repeated freeze/thaw cycles. Upon first use, it is recommended to aliquot sample into single use portions.

Recommended Storage: -20°C or below

QC Analysis

Manufacturing Lot:	Method of Analysis:	Results:
	AX-HPLC	99.4%
	^{31}P NMR	100%
	Mass Spec	506.9 amu
	H NMR	Passes
	UV Spec	Passes
	RP-HPLC	99.1%

QA Approval

Approved By: GLAquino
QA

12/14/2017
Date

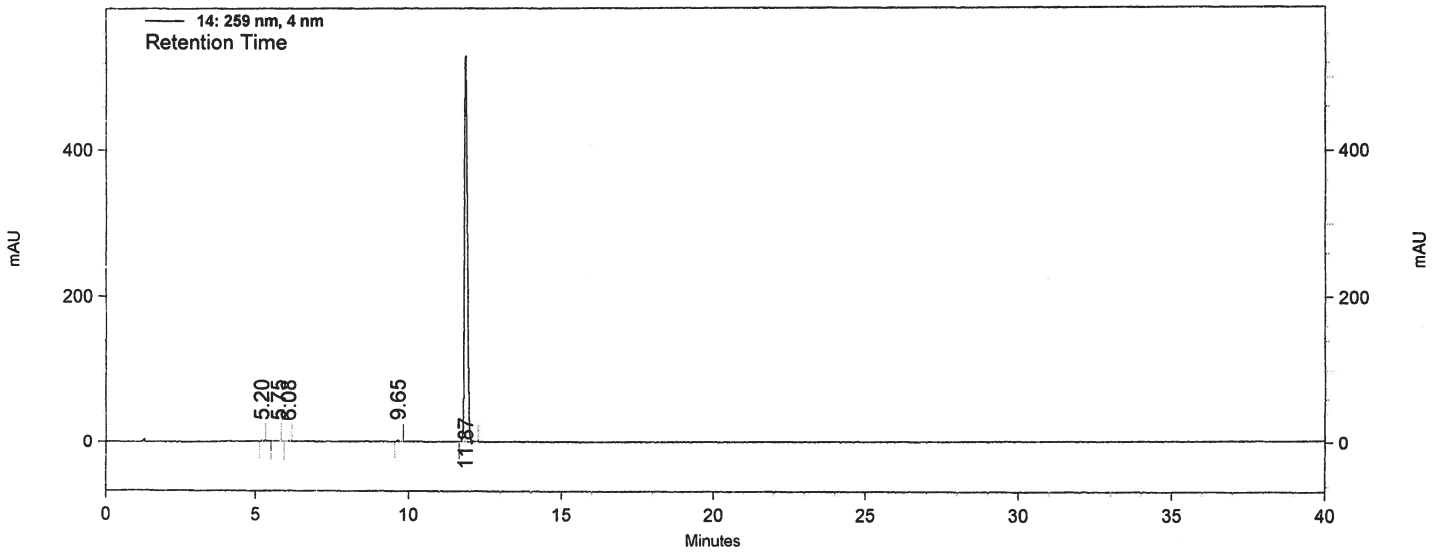
For research use only. Not for resale without express written permission. Not for use in diagnostic procedures. Not for use in humans. No license under any patent is granted or implied by the purchase of any TriLink product. TriLink does not warrant that the use or sale of the products delivered hereunder will not infringe the claims of any United States or other patents or patents pending covering the use of the product alone or in combination with other products or in the operation of any process. All and any use of TriLink product is the purchaser's sole responsibility. The terms of an Agreement with TriLink shall take precedence.

Final Data
Released By V.H
Date 12/06/2017

AX-HPLC : QTP-2021 Revision: 002

Sample ID : N-1510 T1-CQH01A
Injection : 15 µL
Acquired : 12/6/2017 6:46:25 AM

D:\32Karat\Projects\Default\Data\2017\QP1217\QCK\QCK 1217-0090.dat



14: 259 nm, 4 nm Results

Retention Time	Area	Area Percent
5.20	3932	0.12
5.75	3938	0.12
6.08	2645	0.08
9.65	7853	0.24
11.87	3318775	99.45
Totals	3337143	100.00