



**AMRESCO LLC**

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ISO 9001 CERTIFIED  
ISO 13485 CERTIFIED

**CERTIFICATE OF QUALITY / CERTIFICATE OF ANALYSIS**

**ATP Disodium Trihydrate**

**Code: 0220**

Chemical Formula:	C10H14O13N5P3Na2.3H2O	Manufacture Date:	(batch specific)
Molecular Weight:	605.24	Expiration/Reassay Date:	(batch specific)
CAS #:	51963-61-2		
Appearance:		Storage:	Frozen
Fine white crystalline powder		Grade:	ULTRA PURE GRADE

**Additional Information**

TEST	SPECIFICATION	DISPOSITION
A250/A260	0.75 - 0.81	PASS
A280/A260	0.14 - 0.18	PASS
AMP & ADP	<= 0.5 %	PASS
Em (259nm, Phosphate Buffer, pH 7.0)	>= 14700	PASS
Heavy Metals	<= 0.003 %	PASS
Moisture (KF)	<= 10.0 %	PASS
Purity	>= 98.0 %	PASS
Sodium (Flame Photom)	7.0 - 8.0 %	PASS
Solubility (5%, Water)	PASS	PASS

Spec Set: 0220UP

Analysis may have been rounded to significant digits in specification limits.  
Product meets analytical specifications of the grades listed.

Internal ID #: 269

Signature: \_\_\_\_\_

Title:

Date Printed: 02/29/2016

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