

Certificate of Analysis List

For request number 482901

Catalog Number Entered	Lot Number Entered	Related Catalog Number	Related Lot Code	Description
2084769	2152	2429700	2180A	Potassium Persulfate
2084769	2158	2429700	2180A	Potassium Persulfate
2084769	2165	2429700	2180A	Potassium Persulfate
2106069	2157	2429700	2180A	PhosVer ® 3 Phosphate Reagent
2106069	2164	2429700	2180A	PhosVer ® 3 Phosphate Reagent

Total Enclosures: 5

***Certificate of Analysis*****This is a Component of 2429700 lot 2180A**

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COMMODITY: **Potassium Persulfate**COMMODITY NUMBER: **20847-69**

MANUFACTURE DATE:

DATE OF ANALYSIS:

LOT NUMBER: **A2152****5/31/2012****5/31/2012**

<i>TEST</i>	<i>SPECIFICATIONS</i>	<i>RESULTS</i>
Potassium Persulfate (K2S2O8) Assay	90 to 105 %	99.5 %
Phosphate Reagent Blank: Measured at 890 nm in 1 inch cells using the PhosVer 3 Phosphate method.	0 to 0.023 abs	0.0150 abs

The expiration date is May 2017

Certified by

Scott Als
Analytical Services Chemist

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COMMODITY: **Potassium Persulfate**COMMODITY NUMBER: **20847-69**

MANUFACTURE DATE:

DATE OF ANALYSIS:

LOT NUMBER: **A2158****6/7/2012****6/7/2012**

<i>TEST</i>	<i>SPECIFICATIONS</i>	<i>RESULTS</i>
Potassium Persulfate (K2S2O8) Assay	90 to 105 %	99.7 %
Phosphate Reagent Blank: Measured at 890 nm in 1 inch cells using the PhosVer 3 Phosphate method.	0 to 0.023 abs	0.0000 abs

The expiration date is Jun 2017

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Analytical Services Chemist

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COMMODITY: **Potassium Persulfate**COMMODITY NUMBER: **20847-69**

MANUFACTURE DATE:

DATE OF ANALYSIS:

LOT NUMBER: **A2165****6/22/2012****6/22/2012**

<i>TEST</i>	<i>SPECIFICATIONS</i>	<i>RESULTS</i>
Potassium Persulfate (K2S2O8) Assay	90 to 105 %	99.9 %
Phosphate Reagent Blank: Measured at 890 nm in 1 inch cells using the PhosVer 3 Phosphate method.	0 to 0.023 abs	0.0000 abs

The expiration date is Jun 2017

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Scott Als
Analytical Services Chemist



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COMMODITY: **PhosVer ® 3 Phosphate Reagent**COMMODITY NUMBER: **21060-69**

MANUFACTURE DATE:

DATE OF ANALYSIS:

LOT NUMBER: **A2157****6/6/2012****6/6/2012**

<i>TEST</i>	<i>SPECIFICATIONS</i>	<i>RESULTS</i>
Concentration of a treated 5.0 ppm Phosphate standard vs the reagent blank measured at 890 nm in a Test-n-Tube cell.	4.88 to 5.12 ppm	4.970 ppm
Reagent Blank: Concentration of a treated deionized water sample measured at 890 nm vs DI water in a Test-n-Tube cell.	0 to 0.06 ppm	0.060 ppm

The expiration date is Nov 2015

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Analytical Services Chemist

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COMMODITY: **PhosVer ® 3 Phosphate Reagent**COMMODITY NUMBER: **21060-69**

MANUFACTURE DATE:

DATE OF ANALYSIS:

LOT NUMBER: **A2164****6/14/2012****6/14/2012**

<i>TEST</i>	<i>SPECIFICATIONS</i>	<i>RESULTS</i>
Concentration of a treated 5.0 ppm Phosphate standard vs the reagent blank measured at 890 nm in a Test-n-Tube cell.	4.88 to 5.12 ppm	4.970 ppm
Reagent Blank: Concentration of a treated deionized water sample measured at 890 nm vs DI water in a Test-n-Tube cell.	0 to 0.06 ppm	0.050 ppm

The expiration date is Nov 2015

Certified by

A handwritten signature in cursive script that reads "Scott Als".

Scott Als
Analytical Services Chemist