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LABORATORY ANALYSIS REPORT

DATE: 2010/05/05
CLIENT: Pionetics Corporation
151H Old County Road
San Carlos, CA 94070

PAGE: 1 of 7
PROJECT: 577
COLLECTED BY: AB
PROJECT REC'D: 2010-03-04
PROJECT DESC: Linx 140-120V

CONTACT: Eric Nyberg

Pace Analyticals Product Testing Division received 2 Linx 140-120V (s) for the analysis presented in the following report.

All data reported is associated with quality control that met method, EPA, NSF/ANSI or internal laboratory specification. Any exceptions are noted in a footnote or narrative format.

Pace Analytical Services, Inc. appreciates the opportunity to provide you with this product testing service. We value your feedback, would you please take a few minutes to access our customer satisfaction survey at: <http://www.pacelabs.com/my-account/customer-survey.html> . If you have any questions or comments regarding this report, please feel free to contact us.

Sincerely,

A handwritten signature in black ink that reads "Ashley Batten". The signature is written in a cursive, flowing style.

Enclosure



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NSF/ANSI Standard 53- 2009 Low pH Lead Reduction

Sample: 006517	Description: Influent	Volume: 10 Unit Volume
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<u>Compound</u>	<u>Results</u>	<u>Units</u>	<u>Reporting Limit</u>	<u>Method</u>	<u>Date Collected</u>	<u>Date Analyzed</u>
Alkalinity (wc)	16	mg/L	1	EPA 310.1	2010-04-21	2010-04-29
Conductivity	85	uS/cm	1	EPA 120.1	2010-04-21	2010-04-23
Hardness (wc)	16.0	mg/L	1.00	EPA 130.2	2010-04-21	2010-04-27
Low pH Lead	151.8	ug/L	3.0	EPA 200.7	2010-04-21	2010-04-21
pH (wc)	6.43	(None)	NA	EPA 150.1	2010-04-21	2010-04-21
Phosphorus (wc)	<0.05	mg/L	0.05	SM 4500-P	2010-04-21	2010-04-27
Pressure (psi)	60	psi	NA	(None)	2010-04-21	2010-04-21
Temperature (wc)	18.4	°C	NA	EPA 150.1	2010-04-21	2010-04-21
Total Dissolved Solids (wc)	48	mg/L	10	EPA 160.1	2010-04-21	2010-04-29
Turbidity (wc)	<1.0	NTU	1.0	EPA 180.1	2010-04-21	2010-04-21

NSF/ANSI Standard 53- 2009 Low pH Lead Reduction

Sample: 006523	Description: Linx 140-120V #3	Volume: 10 Unit Volume
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<u>Compound</u>	<u>Results</u>	<u>Units</u>	<u>Reporting Limit</u>	<u>Method</u>	<u>Date Collected</u>	<u>Date Analyzed</u>
Conductivity	10	uS/cm	1	EPA 120.1	2010-04-21	2010-04-23
Conductivity % Red	88.3	%	NA	EPA 120.1	2010-04-21	2010-04-30
Flow Rate	0.452	GPM	NA	(None)	2010-04-21	2010-04-21
Low pH Lead	0.2	ug/L	0.1	EPA 200.8	2010-04-21	2010-04-22
Low pH Lead % Red	>99	%	NA	EPA 200.8	2010-04-21	2010-04-22

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NSF/ANSI Standard 53- 2009 Low pH Lead Reduction

Sample: 006524

Description: Linx 140-120V #4

Volume: 10 Unit Volume

<u>Compound</u>	<u>Results</u>	<u>Units</u>	<u>Reporting Limit</u>	<u>Method</u>	<u>Date Collected</u>	<u>Date Analyzed</u>
Conductivity	10	uS/cm	1	EPA 120.1	2010-04-21	2010-04-23
Conductivity % Red	88.3	%	NA	EPA 120.1	2010-04-21	2010-04-30
Flow Rate	0.457	GPM	NA	(None)	2010-04-21	2010-04-21
Low pH Lead	0.9	ug/L	0.1	EPA 200.8	2010-04-21	2010-04-22
Low pH Lead % Red	>99	%	NA	EPA 200.8	2010-04-21	2010-04-22

NSF/ANSI Standard 53- 2009 Low pH Lead Reduction

Sample: 006525

Description: Linx 140-120V #3

Volume: 2.8 Liters

<u>Compound</u>	<u>Results</u>	<u>Units</u>	<u>Reporting Limit</u>	<u>Method</u>	<u>Date Collected</u>	<u>Date Analyzed</u>
Conductivity	11	uS/cm	1	EPA 120.1	2010-04-21	2010-04-23
Conductivity % Red	87.1	%	NA	EPA 120.1	2010-04-21	2010-04-30
Flow Rate	0.452	GPM	NA	(None)	2010-04-21	2010-04-21
Low pH Lead	0.3	ug/L	0.1	EPA 200.8	2010-04-21	2010-04-22
Low pH Lead % Red	>99	%	NA	EPA 200.8	2010-04-21	2010-04-22

NSF/ANSI Standard 53- 2009 Low pH Lead Reduction

Sample: 006526

Description: Linx 140-120V #4

Volume: 2.8 Liters

<u>Compound</u>	<u>Results</u>	<u>Units</u>	<u>Reporting Limit</u>	<u>Method</u>	<u>Date Collected</u>	<u>Date Analyzed</u>
Conductivity	15	uS/cm	1	EPA 120.1	2010-04-21	2010-04-23
Conductivity % Red	82.4	%	NA	EPA 120.1	2010-04-21	2010-04-30
Flow Rate	0.457	GPM	NA	(None)	2010-04-21	2010-04-21
Low pH Lead	0.7	ug/L	0.1	EPA 200.8	2010-04-21	2010-04-22
Low pH Lead % Red	>99	%	NA	EPA 200.8	2010-04-21	2010-04-22

NSF/ANSI Standard 53- 2009 Low pH Lead Reduction

Sample: 006527	Description: Linx 140-120V #3	Volume: 5.7 Liters
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<u>Compound</u>	<u>Results</u>	<u>Units</u>	<u>Reporting Limit</u>	<u>Method</u>	<u>Date Collected</u>	<u>Date Analyzed</u>
Conductivity	4	uS/cm	1	EPA 120.1	2010-04-21	2010-04-23
Conductivity % Red	95.3	%	NA	EPA 120.1	2010-04-21	2010-04-30
Flow Rate	0.452	GPM	NA	(None)	2010-04-21	2010-04-21
Low pH Lead	0.2	ug/L	0.1	EPA 200.8	2010-04-21	2010-04-22
Low pH Lead % Red	>99	%	NA	EPA 200.8	2010-04-21	2010-04-22

NSF/ANSI Standard 53- 2009 Low pH Lead Reduction

Sample: 006528	Description: Linx 140-120V #4	Volume: 5.7 Liters
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<u>Compound</u>	<u>Results</u>	<u>Units</u>	<u>Reporting Limit</u>	<u>Method</u>	<u>Date Collected</u>	<u>Date Analyzed</u>
Conductivity	7	uS/cm	1	EPA 120.1	2010-04-21	2010-04-23
Conductivity % Red	91.8	%	NA	EPA 120.1	2010-04-21	2010-04-30
Flow Rate	0.457	GPM	NA	(None)	2010-04-21	2010-04-21
Low pH Lead	0.5	ug/L	0.1	EPA 200.8	2010-04-21	2010-04-22
Low pH Lead % Red	>99	%	NA	EPA 200.8	2010-04-21	2010-04-22

NSF/ANSI Standard 53- 2009 Low pH Lead Reduction

Sample: 006529	Description: Linx 140-120V #3	Volume: 8.5 Liters
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<u>Compound</u>	<u>Results</u>	<u>Units</u>	<u>Reporting Limit</u>	<u>Method</u>	<u>Date Collected</u>	<u>Date Analyzed</u>
Conductivity	4	uS/cm	1	EPA 120.1	2010-04-21	2010-04-23
Conductivity % Red	95.3	%	NA	EPA 120.1	2010-04-21	2010-04-30
Flow Rate	0.452	GPM	NA	(None)	2010-04-21	2010-04-21
Low pH Lead	0.3	ug/L	0.1	EPA 200.8	2010-04-21	2010-04-22
Low pH Lead % Red	>99	%	NA	EPA 200.8	2010-04-21	2010-04-22

NSF/ANSI Standard 53- 2009 Low pH Lead Reduction

Sample: 006530

Description: Linx 140-120V #4

Volume: 8.5 Liters

<u>Compound</u>	<u>Results</u>	<u>Units</u>	<u>Reporting Limit</u>	<u>Method</u>	<u>Date Collected</u>	<u>Date Analyzed</u>
Conductivity	4	uS/cm	1	EPA 120.1	2010-04-21	2010-04-23
Conductivity % Red	95.3	%	NA	EPA 120.1	2010-04-21	2010-04-30
Flow Rate	0.457	GPM	NA	(None)	2010-04-21	2010-04-21
Low pH Lead	0.4	ug/L	0.1	EPA 200.8	2010-04-21	2010-04-22
Low pH Lead % Red	>99	%	NA	EPA 200.8	2010-04-21	2010-04-22

NSF/ANSI Standard 53- 2009 Low pH Lead Reduction

Sample: 006531

Description: Linx 140-120V #3

Volume: 11.4 Liters

<u>Compound</u>	<u>Results</u>	<u>Units</u>	<u>Reporting Limit</u>	<u>Method</u>	<u>Date Collected</u>	<u>Date Analyzed</u>
Conductivity	3	uS/cm	1	EPA 120.1	2010-04-21	2010-04-23
Conductivity % Red	96.5	%	NA	EPA 120.1	2010-04-21	2010-04-30
Flow Rate	0.452	GPM	NA	(None)	2010-04-21	2010-04-21
Low pH Lead	0.3	ug/L	0.1	EPA 200.8	2010-04-21	2010-04-22
Low pH Lead % Red	>99	%	NA	EPA 200.8	2010-04-21	2010-04-22

NSF/ANSI Standard 53- 2009 Low pH Lead Reduction

Sample: 006532

Description: Linx 140-120V #4

Volume: 11.4 Liters

<u>Compound</u>	<u>Results</u>	<u>Units</u>	<u>Reporting Limit</u>	<u>Method</u>	<u>Date Collected</u>	<u>Date Analyzed</u>
Conductivity	4	uS/cm	1	EPA 120.1	2010-04-21	2010-04-23
Conductivity % Red	95.3	%	NA	EPA 120.1	2010-04-21	2010-04-30
Flow Rate	0.457	GPM	NA	(None)	2010-04-21	2010-04-21
Low pH Lead	0.6	ug/L	0.1	EPA 200.8	2010-04-21	2010-04-22
Low pH Lead % Red	>99	%	NA	EPA 200.8	2010-04-21	2010-04-22



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NSF/ANSI Standard 53- 2009 Low pH Lead Reduction

Sample: 006533	Description: Linx 140-120V #3	Volume: 13.6 Liters
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<u>Compound</u>	<u>Results</u>	<u>Units</u>	<u>Reporting Limit</u>	<u>Method</u>	<u>Date Collected</u>	<u>Date Analyzed</u>
Conductivity	3	uS/cm	1	EPA 120.1	2010-04-21	2010-04-23
Conductivity % Red	96.5	%	NA	EPA 120.1	2010-04-21	2010-04-30
Flow Rate	0.452	GPM	NA	(None)	2010-04-21	2010-04-21
Low pH Lead	0.3	ug/L	0.1	EPA 200.8	2010-04-21	2010-04-22
Low pH Lead % Red	>99	%	NA	EPA 200.8	2010-04-21	2010-04-22

NSF/ANSI Standard 53- 2009 Low pH Lead Reduction

Sample: 006534	Description: Linx 140-120V #4	Volume: 13.6 Liters
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<u>Compound</u>	<u>Results</u>	<u>Units</u>	<u>Reporting Limit</u>	<u>Method</u>	<u>Date Collected</u>	<u>Date Analyzed</u>
Conductivity	3	uS/cm	1	EPA 120.1	2010-04-21	2010-04-23
Conductivity % Red	96.5	%	NA	EPA 120.1	2010-04-21	2010-04-30
Flow Rate	0.457	GPM	NA	(None)	2010-04-21	2010-04-21
Low pH Lead	0.5	ug/L	0.1	EPA 200.8	2010-04-21	2010-04-22
Low pH Lead % Red	>99	%	NA	EPA 200.8	2010-04-21	2010-04-22



PERFORMANCE SUMMARY

<i>Contaminant</i>	<i>Low pH Lead</i>	
<i>Number of Systems Tested</i>	2	
<i>Rated Claim</i>	11.40	<i>Liters</i>
<i>Performance Indicating Device (PID)</i>	Yes	
<i>Total Test Volume</i>	14	<i>Liters</i>
<i>Percentage of Rated Claim</i>	123	<i>PERCENT</i>
<i>Manufacturers Rated Flow Rate</i>	0.50	<i>GPM</i>
<i>Average Flow Rate (all devices)</i>	0.455	<i>GPM</i>
<i>Average Test Influent</i>	151.8	<i>ug/L</i>
<i>Average Effluent (all devices)</i>	0.4	<i>ug/L</i>
<i>Maximum Allowable Effluent Level</i>	10	<i>ug/L</i>
<i>Failure Point - Linx 140-120V #3</i>	<i>Didn't Fail</i>	<i>Liters</i>
<i>Failure Point - Linx 140-120V #4</i>	<i>Didn't Fail</i>	<i>Liters</i>

This report has been reviewed for technical accuracy and completeness. The analyses were performed using EPA or other approved methodologies and the results were reported on an "as received" basis unless otherwise noted. These results relate only to the items tested.

NA = Not Applicable

su - Standard Units

UV - Unit Volume

mg/L = milligrams per Liter

ug/L = micrograms per Liter

GPM = Gallons Per Minute

NTU = Nephelometric Turbidity Unit

(wc) = Water Characteristics are for monitoring purposes only, quality control samples may or may not have been performed.

END OF DOCUMENT