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LABORATORY ANALYSIS REPORT

DATE: 2010/05/13
CLIENT: Pionetics Corporation
151H Old County Road
San Carlos, CA 94070

PAGE: 1 of 6
PROJECT: 552
COLLECTED BY: AB
PROJECT REC'D: 2010-03-04
PROJECT DESC: Linx 140-120V

CONTACT: Eric Nyberg

The protocol for TDS reduction was be modified to test at 1,000 ppm and collect and analyze samples at points designated by the manufacturer. The dial control was set at maximum for this testing.

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,

Enclosure



Modified NSF/ANSI 42-2009 TDS Reduction

Sample: 006124	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>
pH (wc)	6.77 ²²	(None)	NA	EPA 150.1	2010-05-05	2010-05-05
Pressure (psi)	60	psi	NA	(None)	2010-05-05	2010-05-05
Temperature (wc)	22.8	°C	NA	EPA 150.1	2010-05-05	2010-05-05
Total Dissolved Solids (wc)	998	mg/L	10	EPA 160.1	2010-05-05	2010-05-07
Turbidity (wc)	<1.0	NTU	1.0	EPA 180.1	2010-05-05	2010-05-05

Modified NSF/ANSI 42-2009 TDS Reduction

Sample: 006130	Description: Linx 140-120V #1	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>
Flow Rate	0.146	GPM	NA	(None)	2010-05-05	2010-05-05
TDS % Reduction	97.9	%	NA	(None)	2010-05-05	2010-05-07
Total Dissolved Solids (wc)	21	mg/L	10	EPA 160.1	2010-05-05	2010-05-07

Modified NSF/ANSI 42-2009 TDS Reduction

Sample: 006131	Description: Linx 140-120V #2	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>
Flow Rate	0.148	GPM	NA	(None)	2010-05-05	2010-05-05
TDS % Reduction	>99	%	NA	(None)	2010-05-05	2010-05-07
Total Dissolved Solids (wc)	<10	mg/L	10	EPA 160.1	2010-05-05	2010-05-07

Modified NSF/ANSI 42-2009 TDS Reduction

Sample: 006132	Description: Linx 140-120V #1	Volume: 1.5 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>
Flow Rate	0.146	GPM	NA	(None)	2010-05-05	2010-05-05
TDS % Reduction	98.5	%	NA	(None)	2010-05-05	2010-05-07
Total Dissolved Solids (wc)	15	mg/L	10	EPA 160.1	2010-05-05	2010-05-07



Modified NSF/ANSI 42-2009 TDS Reduction

Sample: 006133		Description: Linx 140-120V #2			Volume: 1.5 Liters	
<u>Compound</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method</u>	<u>Date Collected</u>	<u>Date Analyzed</u>
Flow Rate	0.148	GPM	NA	(None)	2010-05-05	2010-05-05
TDS % Reduction	97.8	%	NA	(None)	2010-05-05	2010-05-07
Total Dissolved Solids (wc)	22	mg/L	10	EPA 160.1	2010-05-05	2010-05-07

Modified NSF/ANSI 42-2009 TDS Reduction

Sample: 006134		Description: Linx 140-120V #1			Volume: 2.5 Liters	
<u>Compound</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method</u>	<u>Date Collected</u>	<u>Date Analyzed</u>
Flow Rate	0.146	GPM	NA	(None)	2010-05-05	2010-05-05
TDS % Reduction	96.1	%	NA	(None)	2010-05-05	2010-05-07
Total Dissolved Solids (wc)	39	mg/L	10	EPA 160.1	2010-05-05	2010-05-07

Modified NSF/ANSI 42-2009 TDS Reduction

Sample: 006135		Description: Linx 140-120V #2			Volume: 2.5 Liters	
<u>Compound</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method</u>	<u>Date Collected</u>	<u>Date Analyzed</u>
Flow Rate	0.148	GPM	NA	(None)	2010-05-05	2010-05-05
TDS % Reduction	98.4	%	NA	(None)	2010-05-05	2010-05-07
Total Dissolved Solids (wc)	16	mg/L	10	EPA 160.1	2010-05-05	2010-05-07

Modified NSF/ANSI 42-2009 TDS Reduction

Sample: 006136		Description: Linx 140-120V #1			Volume: 3.5 Liters	
<u>Compound</u>	<u>Results</u>	<u>Units</u>	<u>Limit</u>	<u>Method</u>	<u>Date Collected</u>	<u>Date Analyzed</u>
Flow Rate	0.146	GPM	NA	(None)	2010-05-05	2010-05-05
TDS % Reduction	94.3	%	NA	(None)	2010-05-05	2010-05-07
Total Dissolved Solids (wc)	57	mg/L	10	EPA 160.1	2010-05-05	2010-05-07



Modified NSF/ANSI 42-2009 TDS Reduction

Sample: 006137		Description: Linx 140-120V #2			Volume: 3.5 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>
Flow Rate	0.148	GPM	NA	(None)	2010-05-05	2010-05-05
TDS % Reduction	97.3	%	NA	(None)	2010-05-05	2010-05-07
Total Dissolved Solids (wc)	27	mg/L	10	EPA 160.1	2010-05-05	2010-05-07

Modified NSF/ANSI 42-2009 TDS Reduction

Sample: 006138		Description: Linx 140-120V #1			Volume: 4.5 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>
Flow Rate	0.146	GPM	NA	(None)	2010-05-05	2010-05-05
TDS % Reduction	92.9	%	NA	(None)	2010-05-05	2010-05-07
Total Dissolved Solids (wc)	71	mg/L	10	EPA 160.1	2010-05-05	2010-05-07

Modified NSF/ANSI 42-2009 TDS Reduction

Sample: 006139		Description: Linx 140-120V #2			Volume: 4.5 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>
Flow Rate	0.148	GPM	NA	(None)	2010-05-05	2010-05-05
TDS % Reduction	95.5	%	NA	(None)	2010-05-05	2010-05-07
Total Dissolved Solids (wc)	45	mg/L	10	EPA 160.1	2010-05-05	2010-05-07

Modified NSF/ANSI 42-2009 TDS Reduction

Sample: 006140		Description: Linx 140-120V #1			Volume: 5.5 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>
Flow Rate	0.146	GPM	NA	(None)	2010-05-05	2010-05-05
TDS % Reduction	89.4	%	NA	(None)	2010-05-05	2010-05-07
Total Dissolved Solids (wc)	106	mg/L	10	EPA 160.1	2010-05-05	2010-05-07



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Modified NSF/ANSI 42-2009 TDS Reduction

Sample: 006141

Description: Linx 140-120V #2

Volume: 5.5 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>
Flow Rate	0.148	GPM	NA	(None)	2010-05-05	2010-05-05
TDS % Reduction	92.1	%	NA	(None)	2010-05-05	2010-05-07
Total Dissolved Solids (wc)	79	mg/L	10	EPA 160.1	2010-05-05	2010-05-07



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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.

22 - Water characteristic value is outside the specified protocol limits.

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