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**Report Date: 23-Mar-11
Order Date: 17-Mar-11
Balazs Work Order: 11-02073-02
Client P.O.: 031611DM-1
Release:**

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ANALYTICAL TEST RESULTS

If you have any questions regarding the results, please call Quynh Le at (510) 624-4000 Ext. 4047.

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Balazs Test Code

Description

W0175

Leachable Laser Particle Count 0.3-5µm (Includes sample prep) (Subcontracted) (Subcontracted)

W0358

Leachable Trace Elements in UPW by ICP-MS for 16 Elements (Includes sample prep) (>3 Samples)

This report, including any attachments, has been reviewed and approved by:

Quynh Le

Water Lab Supervisor

These results were obtained by following standard laboratory procedures and are only representative of the samples as received by the laboratory. The liability of AIR LIQUIDE - BALAZS ANALYTICAL SERVICES ("Balazs") shall not exceed the amount paid for this report. In no event shall Balazs be liable for special or consequential damages. Client agrees not to use Balazs' name in reporting results obtained from tests performed by Balazs without first obtaining Balazs written consent as to such use. Report shall not be reproduced except in full, without the written approval of Balazs.

<u>Parameter</u>	<u>RL</u>	<u>Units</u>	<u>Sample Identification / Site</u>	
Leachable Laser Particle Count 0.3-5µm (Includes sample prep) (Subcontracted) (Subcontracted)				
			<u>KLA COUPON #1</u>	<u>UPW BLANK</u>
Particles >0.3 - <1.0 um	0.1	counts/mL	830.9	653.0
Particles >1.0 - <5.0 um	0.1	counts/mL	7.8	3.4
Particles >5.0 um	0.1	counts/mL	0.8	0.2

Grab sample particle analysis may be used for comparative purposes and should be used as a relative value rather than an absolute.

Leachable Trace Elements in UPW by ICP-MS for 16 Elements (Includes sample prep) (>3 Samples)

			<u>KLA COUPON #2</u>	<u>UPW BLANK</u>
Aluminum (Al)	0.05	ppb (ug/L)	24	*
Boron (B)	0.5	ppb (ug/L)	*	*
Calcium (Ca)	0.5	ppb (ug/L)	22	*
Chromium (Cr)	0.03	ppb (ug/L)	*	*
Copper (Cu)	0.05	ppb (ug/L)	81	*
Iron (Fe)	0.1	ppb (ug/L)	0.3	*
Lead (Pb)	0.05	ppb (ug/L)	*	*
Magnesium (Mg)	0.02	ppb (ug/L)	5.3	*
Manganese (Mn)	0.03	ppb (ug/L)	0.12	*
Molybdenum (Mo)	0.05	ppb (ug/L)	*	*
Nickel (Ni)	0.05	ppb (ug/L)	0.80	*
Potassium (K)	0.1	ppb (ug/L)	2.2	*
Sodium (Na)	0.06	ppb (ug/L)	2.7	*
Tin (Sn)	0.02	ppb (ug/L)	*	*
Titanium (Ti)	0.05	ppb (ug/L)	*	*
Zinc (Zn)	0.06	ppb (ug/L)	13	*

Silicon analyzed using Colorimetry Process. All other elements are analyzed by ICP-MS.

* = Analysis revealed that the analyte was not found at or above the reporting limit. RL = Reporting Limit

Report Notes: This is a revised report. Reporting units for trace metal results have been revised.

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Quynh Le

Water Lab Supervisor

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