



SGS Silver State Analytical Laboratories
3626 E. Sunset Road, Suite 100
Las Vegas, NV 89120
(702) 873-4478
www.ssalabs.com

June 27, 2024

Randy Sharpe
H2 Analytics
2505 Anthem Village Dr Ste E385
Henderson, NV 89052

Lab ID:
Las Vegas, NV (NV930, CA3029)

Project: H2A-240612-3

Workorder No.: 24060628

Dear Randy Sharpe:

SGS Silver State Analytical Laboratories received 1 sample(s) on 6/13/2024 for the analyses presented in the following report.

There were no problems with the analytical events associated with this report unless noted below. Analytical results reported as non-detect (ND) in the result field are below the Practical Quantification Limit (PQL). Analytical results above the PQL are reported as the measured value in the results field.

Quality control data is within laboratory defined or method specified acceptance limits except if noted.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

A handwritten signature in black ink that reads "Michael Mitchell".

Michael Mitchell
Laboratory Director
3626 E. Sunset Road, Suite 100
Las Vegas, NV 89120

ssalabs.com

Original



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Analytical Report

WO#: 24060628
 Date Reported: 6/27/2024

CLIENT: H2 Analytics **Collection Date:** 6/12/2024 7:15:00 PM
Project: H2A-240612-3
Lab ID: 24060628-01 **Matrix:** WATER
Client Sample ID Evolv H2GO Bottle

Analyses	Result	RL	Qual	Units	MCL	DF	Date Analyzed
DOMESTIC WATER PANEL ANIONS-SDWA (CL, F, NO2, NO3, SO4)					EPA 300.0	Analyst: JG	
Chloride	4.01	1.00	S	mg/L	400	10	6/13/2024 6:43:00 PM
Fluoride	< 1.00	1.00		mg/L	4.00	10	6/13/2024 6:43:00 PM
Nitrate as N	< 1.00	1.00	S	mg/L	10.0	10	6/13/2024 6:43:00 PM
Nitrite as N	< 1.00	1.00		mg/L	1.00	10	6/13/2024 6:43:00 PM
Sulfate	3.17	1.00	S	mg/L	500	10	6/13/2024 6:43:00 PM
COLOR - APPARENT - SDWA					SM 2120 B	Analyst: DT	
Color	1.00	1.00		Pt-Co	15.0	1	6/13/2024 2:22:00 PM
CYANIDE, FREE-SDWA					SM 4500CN E	Analyst: DT	
Cyanide, Free	< 0.0500	0.0500		mg/L	0.20	1	6/17/2024 11:47:00 AM
DOMESTIC WATER PANEL HARDNESS (TOTAL) - SDWA, CALCULATION ONLY.					SM 2340 B	Analyst: JG	
Hardness (As CaCO3)	ND	1.00		mg/L	1	1	6/18/2024 1:29:37 PM
Hardness, Calcium (As CaCO3)	ND	1.00		mg/L	1	1	6/18/2024 1:29:37 PM
Hardness, Magnesium (As CaCO3)	ND	1.00		mg/L	1	1	6/18/2024 1:29:37 PM
MBAS (SURFACTANTS) - SDWA					SM 5540 C	Analyst: KK	
MBAS (surfactants)	< 0.138	0.138		mg/L	0.50	2	6/14/2024 8:12:00 AM
ODOR - SDWA					SM 2150 B	Analyst: DT	
Odor	No Odor Detected	1.00		T.O.N.	3.00	1	6/13/2024 1:59:00 PM
DOMESTIC WATER PANEL PH - SDWA					SM 4500H+ B	Analyst: LJ	
pH	4.68		H	pH Units	8.50	1	6/17/2024 2:33:00 PM

Qualifiers: * Value exceeds Maximum Contaminant Level.
 (Qual) H Holding times for preparation or analysis exceeded. DF Dilution Factor.
 ND Not Detected at the PQL. MCL Maximum Contaminant Level.
 PQL Practical Quantitation Limit.

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Lab ID: 24060628-01 **Matrix:** WATER
Client Sample ID Evolv H2GO Bottle

Analyses	Result	RL	Qual	Units	MCL	DF	Date Analyzed
SILICA, REACTIVE (COLORMETRIC)					SM 4500SIO2 C	Analyst: DT	
Silica, Dissolved (as SiO2)	ND	1.00	S	mg/L		1	6/17/2024 5:02:00 PM
DW TURBIDITY CHECK					EPA 200.8	Analyst: HG	
Digestion Turbidity Check	<1	1.0		NTU		1	6/20/2024 3:29:03 PM
METALS 200.8					EPA 200.8	Analyst: AL	
Antimony	<0.001	0.0010		mg/L		1	6/24/2024 7:25:00 PM
METALS - PRECIOUS					EPA 6010B	Analyst: JG	
Platinum	< 0.200	0.200		mg/Kg		1	6/25/2024 2:55:52 PM
DOMESTIC WATER PANEL METALS-SDWA 200.7					EPA 200.7	Analyst: JG	
Titanium	< 0.0200	0.0200		mg/L		1	6/26/2024 11:47:04 AM
Aluminum	< 0.0500	0.0500		mg/L		1	6/18/2024 12:36:06 PM
Boron	< 0.500	0.500		mg/L		1	6/18/2024 12:36:06 PM
Calcium	< 1.00	1.00		mg/L		1	6/18/2024 12:36:06 PM
Iron	< 0.100	0.100		mg/L	0.60	1	6/18/2024 12:36:06 PM
Magnesium	< 1.00	1.00		mg/L	150	1	6/18/2024 12:36:06 PM
Sodium	< 1.00	1.00		mg/L		1	6/18/2024 12:36:06 PM
DOMESTIC WATER PANEL METALS-SDWA 200.8					EPA 200.8	Analyst: AR	
Arsenic	< 1.00	1.00		µg/L	10.0	1	6/13/2024 10:59:00 PM
Barium	< 4.00	4.00		µg/L		1	6/13/2024 10:59:00 PM
Cadmium	< 1.00	1.00		µg/L		1	6/13/2024 10:59:00 PM
Chromium	< 1.00	1.00		µg/L		1	6/13/2024 10:59:00 PM
Copper	< 1.00	1.00		µg/L	1000	1	6/13/2024 10:59:00 PM

Qualifiers: * Value exceeds Maximum Contaminant Level.
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 ND Not Detected at the PQL.

DF Dilution Factor.
 MCL Maximum Contaminant Level.
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Project: H2A-240612-3
Lab ID: 24060628-01 **Matrix:** WATER
Client Sample ID Evolv H2GO Bottle

Analyses	Result	RL	Qual	Units	MCL	DF	Date Analyzed
DOMESTIC WATER PANEL METALS-SDWA 200.8					EPA 200.8		Analyst: AR
Lead	< 1.00	1.00		µg/L	15.0	1	6/13/2024 10:59:00 PM
Manganese	< 1.00	1.00		µg/L	100	1	6/13/2024 10:59:00 PM
Nickel	< 1.00	1.00		µg/L		1	6/13/2024 10:59:00 PM
Selenium	< 1.00	1.00		µg/L		1	6/13/2024 10:59:00 PM
Silver	< 1.00	1.00		µg/L		1	6/13/2024 10:59:00 PM
Zinc	< 1.00	1.00		µg/L	5000	1	6/13/2024 10:59:00 PM

**Qualifiers:
(Qual)**

* Value exceeds Maximum Contaminant Level.
 H Holding times for preparation or analysis exceeded.
 ND Not Detected at the PQL.

DF Dilution Factor.
 MCL Maximum Contaminant Level.
 PQL Practical Quantitation Limit.

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3626 E. SUNSET RD., STE 100, LAS VEGAS, NV 89120
 Phone (702) 873-4478 Fax: (702) 873-7967 (EPA#: NV00930, CA2885)
 1135 FINANCIAL BOULEVARD, RENO, NV 89502
 Phone (775) 857-2400 Fax: (888) 398-7002 (EPA#: NV00015, CA2526)

Report Results To:

Report Attention: Randy Sharpe Project Number: H2A-240612-3
 Company: H2 Analytics
 Mailing Address: 2505 Anthem Village Dr. Suite E385
 City, State, Zip: Henderson, NV 89052
 Phone: 719-499-2973 Email / Fax: Randy@h2-analytics.com

Send Invoice To:
 Invoice Attention: Randy Sharpe PO# 2839
 Company: H2 Analytics
 Mailing Address: 2505 Anthem Village Dr. Suite E385
 City, State, Zip: Henderson, NV 89052
 Phone: 719-499-2973 Email / Fax: Randy@h2-analytics.com

Standard: Standard TAT 7-10 Business Days. Note that some tests vary.
 Rush Same Day: 3 Day: Other (specify):
 1 Day: 4 Day: Rush results will be issued after 4:00 p.m.
 2 Day: 5 Day:

Other Pertinent Information / Special Instructions
 IHSA Certification Profile B

ANALYSES REQUESTED

Date Sampled	Time Sampled	Sample Identification	SSAL - SEM Lab No.	Comp. Grab	Matrix	Preservative**	Number / Type of Containers ***	Anions, pH	Metals, Hardness	Color, Odor	MBAS, Silica	Metals-200.8, 200.7, Precious	Cyanide-Free
6/12/24	7:15pm	Evolv H2GO Bottle	240600628	G	AQ	VARIES	6	X	X	X	X	X	X

Signature: *Randy Sharpe* Print Name: Randy Sharpe
 Signature: *Randy Sharpe* Print Name: Randy Sharpe
 Relinquished By: Signature: *Randy Sharpe* Company: H2 Analytics
 Relinquished By: Signature: *Randy Sharpe* Company: H2 Analytics
 Received By: Signature: *Randy Sharpe* Date: 6/13/2024 Time: 10:25am
 Relinquished By: Signature: *Randy Sharpe* Date: 6-18 Time: 1028
 Received By: Signature: *Randy Sharpe* Date: 6/13/2024 Time: 10:25am
 Relinquished By: Signature: *Randy Sharpe* Date: 6/13/2024 Time: 10:25am

Authorization is required to process samples. This obligates your organization for service fees. SSAL Standard T & C's or other written agreement applies. If collections or legal services are required to recover said fees, your organization will be responsible for all fees and costs in addition to service fees.
 Matrix* DW-Drinking Water, WW-Waste Water, GW-Ground Water, SW-Surface Water, SS-Soil, S-Solid, OT-Other
 Preservative** 1=H₂SO₄, 2=HNO₃, 3=HCl, 4=NaOH, 5=Na₂S₂O₃, 6=None, 7=Other
 Samples are discarded 30 days after results are reported unless other arrangements are made and storage fees may apply.
 The analytical results associated with this COC apply only to these samples as they are received by the laboratory.
 The liability of the laboratory is limited to the amount paid for the report.
 Container*** P-Plastic, G-Glass, V-Voa Vial, OT-Other



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Definitions & Qualifiers

WO#: 24060628

Date: 6/27/2024

Definitions:

LCS: Laboratory Control Sample; prepared by adding a known mass of target analytes to a specified amount of de-ionized water and prepared with the batch of samples, used to calculate Accuracy (%REC).

LCSD: LCS Duplicate; used to calculate both Accuracy (%REC) and Precision (%RPD)

MBLK: Method Blank; a sample of similar matrix that is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedure, and in which no target analytes or interferences are present at concentrations that impact the analytical results for sample analyses.

MS: Matrix Spike; prepared by adding a known mass of target analytes to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available, used to calculate Accuracy (%REC)

MSD: Matrix Spike Duplicate; used to calculate both Accuracy (%REC) and Precision (%RPD)

RPD: Relative Percent Difference; comparison between sample and duplicate and/or MS and MSD.

PQL: Practical Quantitation Limit; the limit to which data is quantitated for reporting.

MDL: Method Detection Limit; the limit to which the instrument can reliably detect.

MCL: Maximum Contaminant Level; value set according to EPA guidelines.

Qualifiers:

* - Analyte exceeds Safe Drinking Water Act MCL, does not meet drinking water standards.

C - Analyte value below Safe Drinking Water Act MCL, does not meet drinking water standards.

B - Analyte found above the PQL in associated method blank.

G - Calibration blank analyte detected above PQL.

H - Sample analyzed beyond holding time for this parameter.

J - Estimated Value; Analyte found between MDL and PQL limits.

L - Sample concentration is at least 5 times greater than spike contribution. Spike recovery criteria do not apply.

R - RPD between sample and duplicate sample outside the RPD acceptance limits.

S - Batch MS and/or MSD were outside acceptance limits, batch LCS was acceptable.

W - Sample temperature when received was out of limit as specified by method.

Z - Batch LCS and/or LCSD were outside acceptance limits.