



5580 Mill Street, Suite 100, Reno, NV 89502 | Phone: 775.284.3970 | Fax: 866.755.7619
NV Laboratory ID :NV00923 | EPA Laboratory ID: NV00923

TestYourH2O / Nevada Analytical Services
5580 Mill Street, Suite 100
Reno, NV, 89502

Laboratory Report Identification: 0322100
Submission Date: 3/10/2022

Friday, March 11, 2022

ABC, Inc.
John Smith
1234 Example Road
Reno, NV 89502

Dear John:

Results for the analytical test(s) submitted on the date above are detailed in the following report.

Unless it is otherwise noted in the following analytical report(s), all samples submitted for analysis were received within their acceptable hold times, properly preserved, and in acceptable condition for their respective analyses.

Thank you for choosing NAS for your analytical testing requirements.

Report Comments: City Verify - Example Report.

Sincerely,

3/11/2022

Michael R. Genova
Technical Director

Date

References

mg/L: Milligrams/Liter (ppm)
mg/kg: Milligrams/Kilogram (ppm)
ppm: Parts per million
* Contract Laboratory

ND: Not Detected at RL
RL: Reporting Limit (calculation: $RL = DF * DL$)
DL: Detection Limit
DF: Dilution Factor

UL: Under Laboratory Established Limits
OL: Over Laboratory Established Limits

Reported analytical results relate only to the item(s) tested or to the sample(s) as received by the laboratory.

Laboratory Report Identification: 0322100



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Company/Client: ABC, Inc.
Contact: John Smith
Address: 1234 Example Road
City: Reno
State: NV
Zip: 89502
Phone: 775-123-4567
Email:

Submission Date: 3/10/2022
Sampling Site: Kitchen Sink
Project: Filter System Check Samples
Reference Number: N/A
PO Number: N/A
Sampled By: John Smith

Client Sample Identification: Kitchen Water
Laboratory Sample Identification: 0322100-1

Sampling Date: 3/10/2022
Matrix: Aqueous

Water Panel

General Chemistry	Results	Units	EPA Limits	Laboratory				
				RL	Method	Analysis Date		
pH (at 25 °C)	7.04	S.I.U.	6.50 - 8.50	~	SM 4500H+ B	3/11/2022		
Conductivity (at 25 °C)	340	umhos/cm	~	~	SM 2510 B	3/11/2022		
Color	5	cu	~	5	SM 2120B	3/11/2022		
Turbidity	ND	NTU	~	0.5	SM2130 B	3/11/2022		
Alkalinity (as CaCO3)	112	mg/L	~	2.0	SM 2320 B	3/11/2022		
Hardness (as CaCO3)	117	mg/L	~	0.1	Calculation	~		
Total Dissolved Solids (TDS)	262	mg/L	1000	3.7	Calculation	~		
Anions								
Bicarbonate	137	mg/L	~	2.4	SM 2310 B	3/11/2022	Bicarbonate	2.240 meq/L
Fluoride	ND	mg/L	4.0	0.50	EPA 300.0	3/11/2022		
Chloride	10.4	mg/L	400	0.10	EPA 300.0	3/11/2022	Chloride	0.294 meq/L
Nitrate as Nitrogen	ND	mg/L	10.0	0.10	EPA 300.0	3/11/2022		
Sulfate	27.8	mg/L	500	0.10	EPA 300.0	3/11/2022	Sulfate	0.579 meq/L
Silicate	15.7	mg/L	~	0.50	EPA 200.7	3/11/2022	Silicate	0.262 meq/L
Total Anion (meq/L)							3.375	
Cations								
Sodium	25.7	mg/L	~	0.05	EPA 200.7	3/11/2022	Sodium	1.117 meq/L
Potassium	3.61	mg/L	~	0.05	EPA 200.7	3/11/2022	Potassium	0.093 meq/L
Calcium	35.8	mg/L	~	0.05	EPA 200.7	3/11/2022	Calcium	1.790 meq/L
Magnesium	6.76	mg/L	150	0.05	EPA 200.7	3/11/2022	Magnesium	0.563 meq/L
Total Cation (meq/L)							3.563	
Trace Metals								
Arsenic	0.035	mg/L	0.010	Over Limit	0.010	EPA 200.7	3/11/2022	
Barium	0.20	mg/L	2.00		0.05	EPA 200.7	3/11/2022	
Copper	0.06	mg/L	1.00		0.05	EPA 200.7	3/11/2022	
Iron	ND	mg/L	0.60		0.05	EPA 200.7	3/11/2022	
Manganese	0.35	mg/L	0.10	Over Limit	0.05	EPA 200.7	3/11/2022	
Zinc	0.07	mg/L	5.00		0.05	EPA 200.7	3/11/2022	
Boron	0.15	mg/L	~		0.05	EPA 200.7	3/11/2022	
Lead	ND	mg/L	0.015		0.015	EPA 200.7	3/11/2022	
Microbiology (Present/Absent)								
Total Coliform	Present	P/A	~	Fail	SM9221D	3/11/2022		
E Coli	Absent	P/A	~		SM9221D	3/11/2022		

Total Anion (meq/L) 3.375

Total Cation (meq/L) 3.563

Anion/Cation Ion Balance 0.973

Your water meets EPA primary and secondary standards unless otherwise noted. This report is to be used for informational purposes only (not to be used for compliance purposes).

Well should be chlorinated. General instructions can be found at www.TestYourH2O.com. Go to the [Resources](#) menu, select [Documents](#), then [How to Chlorinate a Well](#).

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Project: Filter System Check Samples
Reference Number: N/A
PO Number: N/A
Sampled By: John Smith

Client Sample Identification: Kitchen Water
Laboratory Sample Identification: 0322100-1

Sampling Date: 3/10/2022
Matrix: Aqueous

Volatile Organic Compounds

by Gas Chromatography / Mass Spectrometry (GC/MS)
 EPA Method 524

Analyte	Result	RL	Analyte	Result	RL	Analyte	Result	RL
	mg/L	mg/L		mg/L	mg/L		mg/L	mg/L
1, 2-Dichloroethane	ND	0.005	2-Hexanone	ND	0.050	Hexachloroethane	ND	0.005
1, 1, 1, 2-Tetrachloroethane	ND	0.005	4-Chlorotoluene	ND	0.005	Isopropylbenzene	ND	0.005
1, 1, 1-Trichloroethane	ND	0.005	4-Methyl-2-pentanone (MIBK)	ND	0.050	Methyl bromide (Bromomethane)	ND	0.005
1, 1, 2, 2-Tetrachloroethane	ND	0.005	Acetone	ND	0.005	Methyl chloride (Chloromethane)	ND	0.005
1, 1, 2-Trichloroethane	ND	0.005	Acetonitrile	ND	0.005	Methyl tert-butyl ether (MTBE)	ND	0.005
1, 1-Dichloroethane	ND	0.005	Acrolein Propenal	ND	0.005	Naphthalene	ND	0.005
1, 1-Dichloroethylene	ND	0.005	Benzene	ND	0.005	n-Butylbenzene	ND	0.005
1, 2-Dichloropropane	ND	0.005	Bromobenzene	ND	0.005	n-Propylbenzene	ND	0.005
1, 2, 3-Trichlorobenzene	ND	0.005	Bromochloromethane	ND	0.005	p-Isopropyltoluene	ND	0.005
1, 2, 3-Trichloropropane	ND	0.005	Bromodichloromethane	ND	0.005	sec-Butylbenzene	ND	0.005
1, 2, 4-Trichlorobenzene	ND	0.005	Bromoform	ND	0.005	Styrene	ND	0.005
1, 2, 4-Trimethylbenzene	ND	0.005	Carbon disulfide	ND	0.050	T-amylmethylether (TAME)	ND	0.005
1, 2-Dibromo-3-chloropropane (DBCP)	ND	0.005	Carbon Tetrachloride	ND	0.005	tert-Butylbenzene	ND	0.005
1, 2-Dibromoethane (EDB)	ND	0.005	Chloroethane	ND	0.005	Tetrachloroethylene	ND	0.005
1, 2-Dichlorobenzene	ND	0.005	Chloroform	ND	0.005	Toluene	4.30	0.005
1, 2-Dichloropropene	ND	0.005	Chlorobenzene	ND	0.005	trans-1, 2-Dichloroethylene	ND	0.005
1, 3, 5-Trimethylbenzene	ND	0.005	cis-1, 2-Dichloroethylene	ND	0.005	trans-1, 3-Dichloropropylene	ND	0.005
1, 3-Dichlorobenzene	ND	0.005	cis-1, 3-Dichloropropene	ND	0.005	Trichloroethylene	ND	0.005
1, 3-Dichloropropane	ND	0.005	Dibromochloromethane	ND	0.005	Trichlorofluoromethane	ND	0.005
1, 4-Dichlorobenzene	ND	0.005	Dibromomethane	ND	0.005	Vinyl acetate	ND	0.050
2, 2-Dichloropropane	ND	0.005	Dichlorodifluoromethane	ND	0.005	Vinyl Chloride	ND	0.005
Methyl ethyl ketone (MEK)	1.54	0.050	Di-isopropylether (DIPE)	ND	0.005	m, p-Xylene	0.45	0.005
2-Chloroethyl-vinyl-ether	ND	0.050	Ethylbenzene	0.87	0.005	o-Xylene	0.05	0.005
2-Chlorotoluene	ND	0.005	Hexachlorobutadiene	ND	0.005	Xylenes (Total)	0.50	0.005

Surrogates	% Recovery
Dibromofluoromethane	97.8
Toluene-d8	102
Bromofluorobenzene	101

Report Remarks: EXAMPLE REPORT

Date Analyzed: 3/11/2022
Dilution Factor: 1

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