

Certificate of Compliance

This is to certify that

EDGE ANALYTICAL, Inc.,
An Accredited Drinking Water Laboratory,
Certification number 046, has completed the analysis of

HAWAII VOLCANIC BEVERAGES

“Hawaii Volcanic Water (Lot# 071925)”

on September 12, 2023, according to the FDA testing requirements for bottled drinking water.
All parameters were found to be in compliance with 21 CFR 165 and 21 CFR 129
published limits for bottled drinking water.



A handwritten signature in blue ink that reads "Pat Miller".

Deputy QA Officer
23-23417



Burlington, WA Corporate Laboratory (a)
 1620 S Walnut St - Burlington, WA 98233 - 800.755.9295 • 360.757.1400
 Bellingham, WA Microbiology (b)
 805 Orchard Dr Ste 4 - Bellingham, WA 98225 - 360.715.1212

Portland, OR Microbiology/Chemistry (c)
 9725 SW Commerce Cr Ste A2 - Wilsonville, OR 97070 - 503.682.7802
 Corvallis, OR Microbiology/Chemistry (d)
 1100 NE Circle Blvd, Ste 130 - Corvallis, OR 97330 - 541.753.4946
 Bend, OR Microbiology (e)
 20332 Empire Blvd Ste 4 - Bend, OR 97701 - 541.639.8425

BOTTLED WATER STANDARD OF QUALITY REPORT

Client Name: Hawaii Volcanic Beverages
 P O Box 223813
 Princeville, HI 96722

Reference Number: **23-23417**

Authorized by:


 Patrick Miller, MS
 Deputy QA Officer

Project: FDA Annual Product - Hawaii Volcanic
 Field ID: FDA Annual Product

Sample Description: Hawaii Volcanic Water (Lot# 071925)

Sampled By:

Sample Date: 08/07/2023

Lab Number: **46265**

Report Date: 09/12/2023

Sampled Comment: 1L

Approved By: anp,bj,mcs,pdm,tjb

Inorganic Chemicals (IOCs)

CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method	Lab	COMMENT
7440-36-0	ANTIMONY	ND	0.006	0.001	mg/L	200.8	a	
7440-38-2	ARSENIC	ND	0.010	0.001	mg/L	200.8	a	
7440-39-3	BARIUM	ND	1.0	0.010	mg/L	200.8	a	
7440-41-7	BERYLLIUM	ND	0.004	0.001	mg/L	200.8	a	
7440-43-9	CADMIUM	ND	0.005	0.001	mg/L	200.8	a	
7440-47-3	CHROMIUM	ND	0.05	0.005	mg/L	200.8	a	
16984-48-8	FLUORIDE	ND	2	0.10	mg/L	300.0	a	
7439-92-1	LEAD	ND	0.005	0.001	mg/L	200.8	a	
7440-02-0	NICKEL	ND	0.1	0.001	mg/L	200.8	a	
14797-55-8	NITRATE-N	0.50	10	0.10	mg/L	300.0	a	
14797-65-0	NITRITE-N	ND	1.0	0.10	mg/L	300.0	a	
E-10128	TOTAL NITRATE+NITRITE as N	0.50	10	0.10	mg/L	300.0	a	
7782-49-2	SELENIUM	ND	0.010	0.005	mg/L	200.8	a	
7440-28-0	THALLIUM	ND	0.002	0.001	mg/L	200.8	a	

Notation:

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If you have any questions concerning this report contact us at the above phone number.

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Secondary Inorganic Parameters

CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method	Lab	COMMENT
7429-90-5	ALUMINUM	ND	0.2	0.010	mg/L	200.7	a	
16887-00-6	CHLORIDE	3.2	250	0.1	mg/L	300.0	a	
7440-50-8	COPPER	ND	1.0	0.005	mg/L	200.8	a	
7439-89-6	IRON	ND	0.3	0.050	mg/L	200.7	a	
7439-96-5	MANGANESE	ND	0.05	0.001	mg/L	200.8	a	
7440-22-4	SILVER	ND	0.025	0.010	mg/L	200.8	a	
14808-79-8	SULFATE	4.3	250	0.2	mg/L	300.0	a	
57-12-5	CYANIDE	ND	0.2	0.005	mg/L	OIA-1677-DW	a	
E-10173	TOTAL DISSOLVED SOLIDS (TDS)	71	500	10	mg/L	SM2540 C	a	
7440-66-6	ZINC	ND	5.00	0.050	mg/L	200.8	a	
7439-97-6	MERCURY	ND	0.001	0.0001	mg/L	200.8	a	

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Volatile Organic Chemicals (VOCs)

CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method	Lab	COMMENT
71-55-6	1,1,1 - TRICHLOROETHANE	ND	30	0.5	ug/L	524.2	a	
79-00-5	1,1,2 - TRICHLOROETHANE	ND	5	0.5	ug/L	524.2	a	
75-35-4	1,1 - DICHLOROETHYLENE	ND	2	0.5	ug/L	524.2	a	
120-82-1	1,2,4 - TRICHLOROBENZENE	ND	9	0.5	ug/L	524.2	a	
107-06-2	1,2 - DICHLOROETHANE	ND	2	0.5	ug/L	524.2	a	
78-87-5	1,2 - DICHLOROPROPANE	ND	5	0.5	ug/L	524.2	a	
71-43-2	BENZENE	ND	1	0.5	ug/L	524.2	a	
56-23-5	CARBON TETRACHLORIDE	ND	2	0.5	ug/L	524.2	a	
156-59-2	CIS - 1,2 - DICHLOROETHYLENE	ND	70	0.5	ug/L	524.2	a	
156-60-5	TRANS - 1,2 - DICHLOROETHYLENE	ND	100	0.5	ug/L	524.2	a	
100-41-4	ETHYLBENZENE	ND	700	0.5	ug/L	524.2	a	
75-09-2	METHYLENE CHLORIDE (DICHLOROMETHANE)	ND	3	0.5	ug/L	524.2	a	
108-90-7	MONOCHLOROBENZENE	ND	50	0.5	ug/L	524.2	a	
95-50-1	O - DICHLOROBENZENE	ND	600	0.5	ug/L	524.2	a	
106-46-7	P - DICHLOROBENZENE	ND	75	0.5	ug/L	524.2	a	
100-42-5	STYRENE	ND	100	0.5	ug/L	524.2	a	
127-18-4	TETRACHLOROETHYLENE	ND	5	0.5	ug/L	524.2	a	
108-88-3	TOLUENE	ND	1000	0.5	ug/L	524.2	a	
79-01-6	TRICHLOROETHYLENE	ND	1	0.5	ug/L	524.2	a	
75-01-4	VINYL CHLORIDE	ND	2	0.5	ug/L	524.2	a	
1330-20-7	XYLENES (TOTAL)	ND	1000	0.5	ug/L	524.2	a	
75-27-4	BROMODICHLOROMETHANE	ND		0.5	ug/L	524.2	a	
124-48-1	CHLORODIBROMOMETHANE	ND		0.5	ug/L	524.2	a	
67-66-3	CHLOROFORM	ND		0.5	ug/L	524.2	a	
75-25-2	BROMOFORM	ND		0.5	ug/L	524.2	a	
E-14471	TOTAL TRIHALOMETHANE	ND	80	0.5	ug/L	524.2	a	

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Synthetic Organic Chemicals (SOCs)

CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method	Lab	COMMENT
93-72-1	2,4,5 - TP (SILVEX)	ND	10	0.2	ug/L	515.4	a	
94-75-7	2,4 - D	ND	70	0.1	ug/L	515.4	a	
15972-60-8	ALACHLOR	ND	2	0.2	ug/L	525.2	a	
1912-24-9	ATRAZINE	ND	3	0.1	ug/L	525.2	a	
1563-66-2	CARBOFURAN	ND	40	0.9	ug/L	531.2	a	
57-74-9	CHLORDANE	ND	0.5	0.2	ug/L	508.1	a	
96-12-8	DIBROMOCHLOROPROPANE (DBCP)	ND	0.2	0.02	ug/L	504.1	a	
88-85-7	DINOSEB	ND	7	0.2	ug/L	515.4	a	
72-20-8	ENDRIN	ND	0.2	0.01	ug/L	525.2	a	
106-93-4	1,2 - DIBROMOETHANE (EDB)	ND	0.05	0.01	ug/L	504.1	a	
76-44-8	HEPTACHLOR	ND	0.4	0.04	ug/L	525.2	a	
1024-57-3	HEPTACHLOR EPOXIDE "B"	ND	0.2	0.02	ug/L	525.2	a	
58-89-9	LINDANE (BHC - GAMMA)	ND	0.2	0.02	ug/L	525.2	a	
72-43-5	METHOXYCHLOR	ND	40	0.1	ug/L	525.2	a	
23135-22-0	OXAMYL (VYDATE)	ND	200	2	ug/L	531.2	a	
87-86-5	PENTACHLOROPHENOL	ND	1	0.04	ug/L	515.4	a	
1918-02-1	PICLORAM	ND	500	0.1	ug/L	515.4	a	
1336-36-3	POLYCHLORINATED BIPHENYLS (PCBs)	ND	0.5	0.5	ug/L	508.1	a	
75-99-0	DALAPON	ND	200	1	ug/L	515.4	a	
122-34-9	SIMAZINE	ND	4	0.07	ug/L	525.2	a	
8001-35-2	TOXAPHENE	ND	3	1	ug/L	508.1	a	
50-32-8	BENZO(A)PYRENE	ND	0.2	0.02	ug/L	525.2	a	
103-23-1	DI(2-ETHYLHEXYL)-ADIPATE	ND	400	0.6	ug/L	525.2	a	
118-74-1	HEXACHLOROBENZENE	ND	1	0.1	ug/L	525.2	a	
77-47-4	HEXACHLOROCYCLO-PENTADIENE	ND	50	0.1	ug/L	525.2	a	
E-10253	TOTAL RECOVERABLE PHENOLICS	ND	0.001	0.001	mg/L	420.4		Analyzed by National Testing Laboratories

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BOTTLED WATER STANDARD OF QUALITY REPORT

Water Properties

CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method	Lab	COMMENT
E-10139	HYDROGEN ION (pH)	7.35			pH Units	150.1	a	Temp (C) : 21.2
E-11712	COLOR	ND	15	5	COLOR UNIT	SM2120 B	a	pH:7
E-11734	ODOR	ND	3	1	TON	SM2150	a	Temperature: 40.6 C
E-10617	TURBIDITY	ND	1	0.10	NTU	180.1	a	

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Disinfectants/DBP

CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method	Lab	COMMENT
NA	HAA(5)	ND	60	0	ug/L	552.3	a	
15541-45-4	BROMATE	ND	0.010	0.001	mg/L	300.1	a	Received 8/31/23
10049-04-4	CHLORINE DIOXIDE	ND		0.10	mg/L	SM4500-ClO2 D	a	
7758-19-2	CHLORITE	ND	1.00	0.010	mg/L	300.1	a	
	CHLORAMINES TOTAL	ND	4.0	0.05	mg/L	SM4500-Cl G	a	
7782-50-5	FREE CHLORINE RESIDUAL	ND	0.1	0.05	mg/L	SM4500-Cl G	a	

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BOTTLED WATER STANDARD OF QUALITY REPORT

Radiological Contaminants

CAS ID#	COMPOUNDS	RESULT	SOQ	MRL	Units	Method	Lab	COMMENT
12587-46-1	GROSS ALPHA	ND	15	3	pCi/L	900.0		Analyzed by PacePA
12587-47-2	GROSS BETA	ND	50	4	pCi/L	900.0		
13982-63-3	RADIUM 226	ND		1	pCi/L	903.1		
15262-20-1	RADIUM 228	ND	5	1	pCi/L	904.0		
7440-61-1	URANIUM	ND	0.030	0.001	mg/L	200.8	a	

Notation:

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20332 Empire Blvd Ste 4 - Bend, OR 97701 - 541.639.8425

Data Report

Client Name: **Hawaii Volcanic Beverages**
P O Box 223813
Princeville, HI 96722

Reference Number: **23-23417**
Project: **FDA Annual Product - Hawaii Volcanic**

Report Date: **9/12/23**

Date Received: **8/3/23**

Approved by: **anp,bj**

Authorized by:

Patrick Miller, MS
Deputy QA Officer

Sample Description: FDA Annual Product Hawaii Volcanic Water (Lot# 071925)								Matrix BP	Sample Date: 8/7/23 10:24 am			
Lab Number: 46265		Sample Comment: 1L						Collected By:				
CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Lab	Analyzed	Analyst	Batch	Comment
7440-70-2	CALCIUM	5.3	0.5	0.006	mg/L	1.0	200.7	a	8/16/23	BJ	200.7_230816A5	
7439-95-4	MAGNESIUM	2.7	0.5	0.001	mg/L	1.0	200.7	a	8/16/23	BJ	200.7_230816A5	
E-11778	HARDNESS as Calcium Carbonate	24.4	3.3	0.1	mg/L	1.0	200.7	a	8/16/23	BJ	200.7_230816A5	
7440-23-5	SODIUM	6.6	0.5	0.3	mg/L	1.0	200.7	a	8/16/23	BJ	200.7_230816A5	
7440-09-7	POTASSIUM	1.9	1.0	0.06	mg/L	1.0	200.7	a	8/16/23	BJ	200.7_230816A5	
E-10184	ELECTRICAL CONDUCTIVITY	82.0	10		uS/cm	1.0	SM2510 B	a	8/7/23	TJL	EC_230807R	

Notes:

ND = Not detected above the listed practical quantitation limit (PQL) or not above the Method Detection Limit (MDL), if requested.
PQL = Practical Quantitation Limit is the lowest level that can be achieved within specified limits of precision and accuracy during routine laboratory operating conditions.
D.F. - Dilution Factor

If you have any questions concerning this report contact us at the above phone number.