



Water Quality Report

Aqua Harvest AWG Systems

Report Prepared For:		Test Product Details:	
AQV Aqua Harvest Customer		Product Type:	AQV atmospheric water gen
Application:	High Speed Bottling 150 Sheikh Zayed Road	Model / Series:	Max Harvest
City/State:	Dubai - United Arab Emirates	Sample Location:	Manufacturing, CT
Country:	UAB	Lab Report #:	00541678
		Test Date:	7/13/24

Analte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
Inorganic									
Nitrate Nitrogen	.12	mg/l	0.1	.31	1	7/13/2024	4500 F	NMP	1
	NITRATE (as NO3+NO2)...Maximum Contaminant Limit - 10 mg/L (ppm)								
Metals									
Aluminum	None Detected	ug/l	8.6	27.3	1	7/13/2024	200.7	RKC	1
	(as total Al)...Secondary contaminant - Recommended Limit - 200 ug/L (ppb)								
Arsenic	None Detected	ug/l	0.6	1.8	1	7/13/2024	3113B	NMP	1
	EPA and WI DNR consider levels above 10 ug/L (parts per billion) in drinking water harmful.								
Copper - ICP	None Detected	ug/L	11.8	37.6	1	7/13/2024	200.7	RKC	1
	(as total Cu) Maximum Contaminant Limit - 1,300 ug/L (ppb)								
Zinc	None Detected	ug/l	11.3	35.9	1	7/13/2024	200.7	RKC	1
	(as total Zn)...Secondary Contaminant. Recommended limit - 5000 ug/L (ppb).								
Radiochemistry									
Gross Alpha	1.1+-1.6	pci/L	11.3	2.3	1	7/13/2024	7110 B	ULI	1
	Radioactivity from the erosion of natural deposits of certain minerals that are radioactive and may emit a form of radiation known as alpha radiation. The EPA Maximum Contaminant Level is 15 pCi/L (picocuries per liter).								
Radium 226	0.92+-0.56	pci/L	0.41		1	7/13/2024	7500 Ra B	ULI	1
	Radioactivity from the erosion of natural deposits of certain minerals that are radioactive and may emit forms of radiation. The EPA Maximum Contaminant level is 5.0 pCi/L (picocuries per liter).								
Uranium	None Detected	ug/L	0.67		1	7/13/2024	200.8u	ULI	1
Gross Beta	2.4+-2.7	pci/L	1.8		1	7/13/2024	7110 Bb	ULI	1
	Radioactivity from the decay of natural and manmade deposits of certain minerals that are radioactive and may emit forms of radiation know as photons and beta radiation. The EPA Maximum Contaminant Level is 50 pCi/L (picocuries per liter).								
Radium 228	0.64+-0.54	pci/L	0.9		1	7/13/2024	7500 RaD	ULI	1
	Radioactivity from the erosion of natural deposits of certain minerals that are radioactive and may emit forms of radiation. The EPA Maximum Contaminant Level when combined with Radium 226 is 5.0 pCi/L (picocuries per liter).								
Organic General									
Trihalomethanes	None Detected	ug/L	1.44	4.7	1	7/13/2024	524.2	SYN	1
Dibromoacetic Acid	None Detected	ug/L	1	0.45	1	7/13/2024	552.2	ULI	1
Dichloroacetic Acid	None Detected	ug/L	1	1.5	1	7/13/2024	552.2	ULI	1
Monochloroacetic Acid	None Detected	ug/L	2	1.6	1	7/13/2024	552.2	ULI	1



Analte	Result	Units	LOD	LOQ	Dil	Run Date	Method	Analyst	QC Code
<i>Organic General</i>									
Haloacetic Acids	None Detected	ug/L	1		1	7/13/2024	552.2	ULI	1
Monobromoacetic Acid	None Detected	ug/L	1	1.1	1	7/13/2024	552.2	ULI	1
Trichloroacetic Acid	None Detected	ug/L	1	.37	1	7/13/2024	552.2	ULI	1
Bromo-Dichloromethane	None Detected	ug/L	.33	1.1	1	7/13/2024	524.2	SYN	1
Bromoform	None Detected	ug/L	.33	1.1	1	7/13/2024	524.2	SYN	1
Chloroform	None Detected	ug/L	.39	1.2	1	7/13/2024	524.2	SYN	1
Dibromo-chloromethane	None Detected	ug/L	.39	1.3	1	7/13/2024	524.2	SYN	1

LOD Limit of Detection

None Detected = Result less than LOD

LOQ Limit of Quantitation

Code

1

SYN

ULI

Comment

All laboratory QC requirements were met for this sample

Denotes contract lab

Denotes contract lab

Laboratory Report Certification

AQV AQUA HARVEST


 Signature 8/15/2024
 Date

David B. Crompton

Chief Technology Officer
 Title

