

# Informational Water Quality Report

## Complete RO Screen

**Client:**

**Ordered By:**

Aruba Health Distributors  
PO Box 1203  
Oranjestad 1111  
ATTN: Hendrik Marsman



6571 Wilson Mills Rd  
Cleveland, Ohio 44143  
1-800-458-3330

**Sample Number:** 831678

**Location:** Bubali

**Type of Water:** City Water

**Collection Date and Time:** 10/18/2012 22:00

**Received Date and Time:** 10/22/2012 13:45

**Date Completed:** 10/30/2012

### Definition and Legend

This informational water quality report compares the actual test result to national standards as defined in the EPA's Primary and Secondary Drinking Water Regulations.

**Primary Standards:** Are expressed as the maximum contaminant level (MCL) which is the highest level of contaminant that is allowed in drinking water. MCLs are enforceable standards.

**Secondary standards:** Are non-enforceable guidelines regulating contaminants that may cause cosmetic effects (such as skin or tooth discoloration) or aesthetic effects (such as taste, odor, or color) in drinking water. Individual states may choose to adopt them as enforceable standards.


**Action levels:** Are defined in treatment techniques which are required processes intended to reduce the level of a contaminant in drinking water.

**mg/L (ppm):** Unless otherwise indicated, results and standards are expressed as an amount in milligrams per liter or parts per million.


**Minimum Detection Level (MDL):** The lowest level that the laboratory can detect a contaminant.


**ND:** The contaminant was not detected above the minimum detection level.


**NA:** The contaminant was not analyzed.

 The contaminant was not detected in the sample above the minimum detection level.

 The contaminant was detected at or above the minimum detection level, but not above the referenced standard.

 The contaminant was detected above the standard, which is not an EPA enforceable MCL.

 The contaminant was detected above the EPA enforceable MCL.

 These results may be invalid.

Status	Contaminant	Results	Units	National Standards	Min. Detection Level
Inorganic Analytes - Metals					
✓	Aluminum	ND	mg/L	0.2	EPA Secondary 0.040
✓	Arsenic	ND	mg/L	0.010	EPA Primary 0.003
✓	Barium	ND	mg/L	2	EPA Primary 0.004
✓	Beryllium	ND	mg/L	0.004	EPA Primary 0.0005
●	Boron	0.137	mg/L	--	0.015
✓	Cadmium	ND	mg/L	0.005	EPA Primary 0.0005
●	Calcium	4.694	mg/L	--	0.060
✓	Chromium	ND	mg/L	0.1	EPA Primary 0.003
✓	Copper	ND	mg/L	1.3	EPA Action Level 0.004
✓	Iron	ND	mg/L	0.3	EPA Secondary 0.009
✓	Lead	ND	mg/L	0.015	EPA Action Level 0.001
✓	Lithium	ND	mg/L	--	0.001
●	Magnesium	0.032	mg/L	--	0.020
✓	Manganese	ND	mg/L	0.05	EPA Secondary 0.0005
✓	Molybdenum	ND	mg/L	--	0.002
●	Nickel	0.0025	mg/L	--	0.0021
●	Potassium	0.450	mg/L	--	0.150
✓	Selenium	ND	mg/L	0.05	EPA Primary 0.004
✓	Silica	ND	mg/L	--	0.05
✓	Silver	ND	mg/L	0.100	EPA Secondary 0.0005
●	Sodium	3.600	mg/L	--	0.150
●	Strontium	0.004	mg/L	--	0.001
✓	Thallium	ND	mg/L	0.002	EPA Primary 0.0015
✓	Tin	ND	mg/L	--	0.030
✓	Vanadium	ND	mg/L	--	0.015
●	Zinc	0.118	mg/L	5	EPA Secondary 0.020
Physical Factors					

Status	Contaminant	Results	Units	National Standards		Min. Detection Level
	Alkalinity (Total as CaCO3)	10	mg/L	--		5
	Bicarbonate (as CaCO3)	10	mg/L	--		5
	Carbon Dioxide (Free CO2)	ND	mg/L	--		5
	Carbonate (as CaCO3)	ND	mg/L	--		5
	Conductivity	46	umhos/cm	--		2
	Hardness	11.8	mg/L	100	NTL Internal	0.220
	Langelier Index	-0.544	SI	--		
	pH	9.1	pH Units	6.5 to 8.5	EPA Secondary	
	Total Anions	13.0	mg/L	--		1.0
	Total Cations	9.0	mg/L	--		1.0
	Total Dissolved Solids	ND	mg/L	500	EPA Secondary	20
	Turbidity	ND	NTU	1.0	EPA Action Level	0.1
Inorganic Analytes - Other						
	Bromide	ND	mg/L	--		0.05
	Chloride	2.10	mg/L	250	EPA Secondary	0.05
	Chlorine-Free	ND	mg/L	--		0.05
	Chlorine-Total	ND	mg/L	--		0.1
	Fluoride	ND	mg/L	4.0	EPA Primary	0.05
	Nitrate as N	ND	mg/L	10	EPA Primary	0.05
	Nitrite as N	ND	mg/L	1	EPA Primary	0.05
	Ortho Phosphate	0.21	mg/L	--		0.05
	Sulfate	0.32	mg/L	250	EPA Secondary	0.05
Organic Analytes - Others						
	Total Organic Carbon	ND	mg/L	--		0.4

We certify that the analyses performed for this report are accurate, and that the laboratory test were conducted by methods approved by the U.S. Environmental Protection Agency or variations of these EPA methods.

These test results are intended to be used for informational purposes only and may not be used for regulatory compliance.

**National Testing Laboratories, Ltd.**

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