

SAVU BOTTLED WATER QUALITY REPORT

16 Amra Street
Walu Bay
Suva, Fiji

INTRODUCTION

SAVU Natural Artesian Water meets all the FDA and ABWI standards. FDA regulates bottled water as a food product. Standards of Quality enacted by the FDA for bottled water must be as protective of the public health. Ensuring the safety of the water is our primary objective in providing our product to the consumer.

SOURCE FOR OUR WATER

The SAVU source is deep beneath the tropical rainforest in the South Pacific's pristine Namosi Mountains, in the Fiji Islands. The entire water catchment area for SAVU artesian aquifer is protected.

HOW BOTTLED WATER IS PREPARED

Our protected source is monitored daily to ensure the artesian water is safe and of extremely high quality. The water is filtered to remove any particulate matter, micron –filtered to remove microbiological particles and UV and Silver treatment is applied to ensure disinfection.

TABLE1: (SAVU) TYPICAL MINERAL ANALYSIS REPORT

REPORT DATE: 03/03/2016

SAMPLING PERIOD: 25/01/2016

GENERAL MINERAL ANALYSIS	SAVU NATURAL ARTESIAN WATER
SODIUM	11mg/L
POTASSIUM	0.5mg/L
MAGNESIUM	3.3mg/L
CALCIUM	20mg/L
CHLORIDE	8.2mg/L
SULPHATE	5.3mg/L
SILICA	32.5mg/L
BICARBONATE	103.7mg/L
TOTAL DISSOLVED SOLIDS	120mg/L
pH	7.8

OUR COMPANY’S WATER TESTING

SAVU Natural Artesian Water is tested on an annual basis for many hundreds of organic and inorganic chemicals that are regulated by the FDA. No contaminants were detected above the FDA’s limits in the testing, as demonstrated by table 2 below. There have been no violations of the FDA Standard of Quality.

Table2: SAVU PRODUCT ANALYSIS (all results reported in mg/L except as noted)
REPORT DATE: 03/03/2016
SAMPLING PERIOD: 25/01/2016

PRODUCT	SAVU NATURAL ARTESIAN WATER	ABWI SOQ mg/L	FDA SOQ mg/L
INORGANIC ANALYTES- METALS			
Aluminum	ND	NS	0.2
Antimony	ND	0.006	0.006
Arsenic	ND	0.05	0.01
Barium	ND	1.0	2
Beryllium	ND	0.004	0.004
Borate	0.11	30	NS
Boron	ND	NS	NS
Cadmium	ND	0.005	0.005
Calcium	21.0	NS	NS
Chromium	ND	0.05	0.1
Copper	ND	NS	1
Iron	ND	0.3	0.3
Lead	ND	0.005	0.005
Magnesium	3.50	NS	NS
Manganese	ND	0.050	0.050
Mercury	ND	0.001	0.002
Molybdenum	ND	NS	NS
Nickel	ND	NS	0.1
Potassium	ND	NS	NS
Selenium	ND	0.01	0.05

(Note: ND-Not detected, NS –Not stated)

SAVU NATURAL ARTESIAN WATER FRM FIJI

PRODUCT	SAVU NATURAL ARTESIAN WATER	ABWI SOQ mg/L	FDA SOQ mg/L
INORGANIC ANALYTES- METALS(Cont'd)			
Silica	32.0	NS	NS
Silver	0.018	0.025	0.1
Sodium	11	NS	NS
Thallium	ND	0.002	0.002
Uranium	ND	NS	0.030
Zinc	ND	5.000	5
INORGANIC ANALYTES - OTHER			
Bromate	0.008	0.010	0.010
Bromide	0.027	NS	NS
Chloramine as CL2	ND	3	4
Chloride	10.0	250.0	250
Chlorine as CL2	ND	0.1	4
Chlorine Dioxide as CLO2	ND	NS	0.8
Chlorite	ND	NS	1
Cyanide(14)	ND	0.1	0.1
Fluoride	ND	1.5	2/1.3
Hydrogen Sulphide	ND	NS	NS
Nitrate as N	0.14	10.0	10
Nitrite as N	ND	1.0	1
Ortho Phosphate	ND	NS	NS
Sulfate	ND	250.0	250
Sulfide	ND	NS	NS
ORGANIC ANALYTES- (Trihalomethanes)			
Bromodichloromethane	ND	NS	NS
Bromoform	ND	NS	NS
Chloroform	ND	NS	NS
Dibromochloromethane	ND	NS	NS
Total THMs	ND	0.010	0.08

(Note: ND-Not detected, NS –Not stated)

PRODUCT	SAVU NATURAL ARTESIAN WATER	ABWI SOQ mg/L	FDA SOQ mg/L
ORGANIC ANALYTES- (Haloacetic Acids)			
Dibromoacetic Acid	ND	NS	NS
Dichloroacetic Acid	ND	NS	NS
Monobromoacetic Acid	ND	NS	NS
Monochloroacetic Acid	ND	NS	NS
Trichloroacetic Acid	ND	NS	NS
Total HAAs	ND	NS	0.06
ORGANIC ANALYTES-Volatiles			
1,1,1,2-Tetrachloroethane	ND	NS	NS
1,1,1,-Trichloroethane	ND	0.200	0.2
1,1,2,2-Tetrachloroethane	ND	NS	NS
1,1,2-Trichloroethane	ND	0.005	0.005
1,1-Dichloroethane	ND	NS	NS
1,2-Dichloroethene	ND	0.007	0.007
1,1-Dichloropropene	ND	NS	NS
1,2,3-Trichlorobenzene	ND	NS	NS
1,2,3-Trichloropropane	ND	NS	NS
1,2,4-Trichlorobenzene	ND	0.07	0.07
1,2,4-Trimethylbenzene	ND	NS	NS
1,2-Dichlorobenzene	ND	0.600	0.6
1,2-Dichloroethane	ND	0.005	0.005
1,2-Dichloropropane	ND	0.005	0.005
1,3,5-Trimethylbenzene	ND	NS	NS
1,3-Dichlorobenzene	ND	NS	NS
1,3-Dichloropropane	ND	NS	NS
1,4-Dichlorobenzene	ND	0.075	0.075
2,2-Dichloropropane	ND	NS	NS
2-Chlorotoluene	ND	NS	NS
4-Chlorotoluene	ND	NS	NS
4-Isopropyltoluene	ND	NS	NS
Benzene	ND	0.005	0.005
Bromobenzene	ND	NS	NS
Bromochloromethane	ND	NS	NS
Bromomethane	ND	NS	NS

Note: ND-Not detected, NS –Not stated)

**ORGANIC ANALYTES-Volatiles
(Cont'd.)**

Carbon Tetrachloride	ND	0.005	0.005
Chlorobenzene	ND	NS	NS
Chloroethane	ND	NS	NS
Chloromethane	ND	NS	NS
Cis-1,2-Dichloroethene	ND	0.070	0.07
Cis-1,3-Dichloropropene	ND	NS	NS
Dibromomethane	ND	NS	NS
Dichlorodifluoromethane	ND	NS	NS
Dichloromethane	ND	0.005	0.005
Ethylbenzene	ND	0.700	0.7
Hexachlorobutadiene	ND	NS	NS
Isopropylbenzene	ND	NS	NS
Methyl Tert Butyl Ether	ND	NS	NS
Methyl-Ethyl Ketone	ND	NS	NS
Napthalene	ND	NS	NS
n-Butylbenzene	ND	NS	NS
o-Xylene	ND	NS	NS
P and m-Xylenes	ND	NS	NS
Propylbenzene	ND	NS	NS
Sec-Butylbenzene	ND	NS	NS
Styrene	ND	0.100	0.1
Tert-Butylbenzene	ND	NS	NS
Tertachloroethene	ND	0.005	0.005
Toluene	ND	1.000	1
trans-1,2-Dichloroethene	ND	0.100	0.1
trans-1,3-Dichloropropene	ND	NS	NS
Trichloroethene	ND	0.005	0.005
Trichlofluoromethane	ND	NS	NS
Trichlorotrofluoroethane	ND	NS	NS
Vinyl Chloride	ND	0.002	0.002
Xylenes (Total)	ND	10.000	10

Note: ND-Not detected, NS –Not stated

ORGANIC ANALYTES-OTHERS

1,2-Dibromo-3-chloropropane			
1,2-Dibromoethane	ND	0.00005	0.00005
2,3,7,8-TCDD(Dioxin)	ND	30	30
2,4-D	ND	0.07	0.07
3-Hydroxycarbofuran	ND	NS	NS
Aldicarb	ND	NS	NS
Aldicarb sulfone	ND	NS	NS
Aldicarb sulfoxide	ND	NS	NS
Aldrin	ND	NS	NS
Bentazon	ND	NS	NS
Benzo(A)pyrene	ND	0.0002	0.0002
Butachlor	ND	NS	NS
Carbaryl	ND	NS	NS
Carbofuran	ND	0.04	0.04
Chlordane	ND	0.002	0.002
Dalapon	ND	0.2	0.2
Di(2-ethylhexyl)adipate	ND	0.4	0.4
Di(2-ethylhexyl)phthalate	ND	0.006	0.006
Dicamba	ND	NS	NS
Dichloran	ND	NS	NS
Dieldrin	ND	NS	NS
Dinoseb	ND	0.007	0.007
Diquat	ND	0.02	0.02
Endothall	ND	0.1	0.1
Endrin	ND	0.0002	0.002
Glyphosate	ND	0.7	0.7
Heptachlor	ND	0.0004	0.0004
Heptachlor Epoxide	ND	0.0002	0.0002
Hexachlorobenzene	ND	0.001	0.001
Hexachlorocyclopentadiene	ND	0.05	0.05
Lindane	ND	0.0002	0.0002
Methomyl	ND	NS	NS
Methoxychlor	ND	0.04	0.04

Note: ND-Not detected, NS –Not stated)

PRODUCT	SAVU NATURAL ARTESIAN WATER	ABWI SOQ mg/L	FDA SOQ mg/L
ORGANIC ANALYTES-OTHERS(cont'd)			
Metolachlor	ND	NS	NS
Metribuzin	ND	NS	NS
Molinate	ND	NS	NS
Oxamyl	ND	0.2	0.2
Pentachloronitrobenzene	ND	NS	NS
Pentachlorophenol	ND	0.001	0.001
Picloram	ND	0.5	0.5
Propachlor	ND	NS	NS
Silvex 2,4,5-TP	ND	0.01	0.05
Thiobencarb	ND	NS	NS
Total Organic Carbon	ND	0.1875	NS
Total PCBs	ND	0.0005	0.0005
Total Phenols	ND	0.001	0.001
Toxaphene	ND	0.003	0.003
Trifluralin	ND	NS	NS
RAIDIOLOGICALS			
Gross Alpha	0.343	15pCi/L	15pCi/L
Gross Beta	0.531	50pCi/L	50pCi/L
Radium 226/228(combined)	ND	5pCi/L	5pCi/L
Uranium	ND	NS	0.030

Note: ND-Not detected, NS –Not stated

Table 3: PHYSICAL FACTORS FOR SAVU NATURAL WATER

REPORT DATE: 03/03/2016
SAMPLING PERIOD: 25/01/2016

WATER PROPERTIES	SAVU NATURAL ARTESIAN WATER	ABWI SOQ	FDA SOQ
Color	ND	5 Units	15 Units
Turbidity	ND	0.5 NTU	5 NTU
pH	7.8	3.5 – 8.5	6.5-8.5
Odor	ND	3 T.O.N	3 T.O.N
TDS	130	<250 mg/L	500mg/L

Table 4: MICROBIOLOGICAL CONTAMINANTS FOR SAVU NATURAL WATER

REPORT DATE: 03/03/2016
SAMPLING PERIOD: 25/01/2016

Microbiological Contaminants	SAVU Natural Artesian Water	ABWI SOQ	FDA SOQ
Total Coliform	ND	NS	No FDA standard
Standard Plate Count	ND	NS	No FDA standard
E.Coli	ND	NS	No FDA standard

Note: ND-Not detected, NS –Not stated)