



BOTTLED WATER QUALITY REPORT

INTRODUCTION

Callaway Blue meets all federal and state health standards. FDA regulates bottled water as a food product whereas EPA regulates tap water as provided by water utilities. Standards of quality enacted by the FDA for bottled water must be as protective of the public health as EPA's standards (known as Maximum Contaminant Levels) for tap water. Ensuring the safety of the water is our primary objective in providing Callaway Blue to the consumer. The International Bottled Water Association has suggested the format of this report.

OUR SOURCE FOR CALLAWAY BLUE

Our water comes from a privately protected watershed containing a frequently monitored natural spring source in Harris County, Georgia. We test our source and product water frequently as required by the Georgia Department of Agriculture and recommended by IBWA.

HOW CALLAWAY BLUE BOTTLED WATER IS PREPARED

Our natural spring water is collected from its quartzite aquifer over 100 feet below the surface and piped underground to our plant. Although this source water is completely safe to drink, once in the plant it passes through three different micron filters and then is ozonated before being put into bottles. Ozone is oxygen (O₃ to be exact) which is bubbled through the water just before it goes into a clean, sanitized bottle. Within a few hours after the bottle has been filled and capped, the ozone dissipates or converts back to the same form of oxygen that we breathe (O₂).

TABLE 1: CALLAWAY BLUE SPECIFIC MINERAL ANALYSIS

Minerals	Distilled Water	Spring Water
Calcium	ND	4.4mg/liter
Chloride	ND	1.6
Fluoride	ND	ND
Magnesium	ND	2.4 mg/liter
Potassium	ND	1.5 mg/liter
Sodium	ND	1.0 mg/liter
Sulfate	ND	ND
Total Dissolved Solids	1	31
Total Alkalinity	ND	25 mg/liter
pH	4.9	5.9
Sodium per 8 oz. Serving	0 mg	5.9 mg

CALLAWAY BLUE'S WATER TESTING

Our company annually tests for 70 organic chemicals and 29 inorganic chemicals that are regulated by the FDA. As an extra safeguard we have also tested for 62 unregulated contaminants. No contaminant was detected above FDA's limits in our testing as demonstrated by Table 2.

ND = Not detected NA=not tested * Mineral water is exempt from allowable level. These exemptions are aesthetically based on allowable levels and do not relate to a health concern.

TABLE 2: CALLAWAY BLUE PRODUCT ANALYSIS (All results reported in mg/L except as noted)

Product	Distilled Water	Spring Water	Detection Limit	FDA SOQ
<u>Inorganic Chemicals-metals</u>				
Aluminum	ND	ND	0.05	0.2
Antimony	ND	ND	0.001	0.006
Arsenic	ND	ND	0.002	0.01
Barium	ND	ND	0.10	2
Beryllium	ND	ND	0.001	0.004
Boron	ND	ND	.10	No standard
Cadmium	ND	ND	0.001	0.005
Calcium	ND	4.4	2.0	No standard
Chromium	ND	ND	0.004	0.1
Copper	0.02	ND	0.002	1.3
Iron*	ND	ND	0.020	0.3
Lead	ND	ND	0.001	0.005
Magnesium	ND	2.4	0.10	No standard
Manganese *	ND	ND	0.004	0.05
Mercury	ND	ND	0.0002	0.002
Nickel	ND	ND	0.002	0.1
Potassium	ND	1.5	1.0	No standard
Selenium	ND	ND	0.002	0.05
Silver	ND	ND	0.002	0.1
Sodium	ND	1	1	No standard
Thallium	ND	ND	0.001	0.002
Zinc*	ND	ND	0.004	5
<u>Organic Chemicals-Volatiles</u>				
Benzene	ND	ND	0.0005	0.005
Bromobenzene	ND	ND	.0005	No standard
Bromochloromethane	ND	ND	.005	No standard
Bromomethane	ND	ND	.0005	No standard
n-Butylbenzene	ND	ND	.0005	No standard
sec-Butylbenzene	ND	ND	.0005	No standard
tert-Butylbenzene	ND	ND	.0005	No standard
Carbon tetrachloride	ND	ND	0.0005	0.005
Chlorobenzene	ND	ND	.0005	0.1
Chloroethane	ND	ND	.0005	No standard
Chloromethane	ND	ND	.0005	No standard
2-Chlorotoluene	ND	ND	.0005	No standard
4-Chlorotoluene	ND	ND	.0005	No standard
Dibromomethane	ND	ND	.0005	No standard
1,2 Dibromomethane	ND	ND	.00001	.00005
1,2-Dichlorobenzene	ND	ND	0.0005	0.6
1,3 Dichlorobenzene	ND	ND	.0005	No standard
1,4-Dichlorobenzene	ND	ND	0.0005	0.075
Dichlorodifluoromethane	ND	ND	.0005	No standard
1,1-Dichloroethane	ND	ND	.0005	No standard
1,2-Dichloroethane	ND	ND	0.0005	0.005
1,1-Dichloroethene	ND	ND	.0005	0.002
cis-1,2-Dichloroethene	ND	ND	.0005	0.07
trans-1,2-Dichloroethene	ND	ND	.0005	0.1

ND = Not detected NA=not tested * Mineral water is exempt from allowable level. These exemptions are aesthetically based on allowable levels and do not relate to a health concern.

Product	Distilled Water	Spring Water	Detection Limit	FDA SOQ
1,2-Dichloropropane	ND	ND	.0005	No standard
1,3-Dichloropropane	ND	ND	.0005	No standard
2,2-Dichloropropane	ND	ND	.0005	No standard
1,1-Dichloropropene	ND	ND	0.0005	0.2
cis-1,3-Dichloropropene	ND	ND	.0005	No standard
trans-1,3-Dichloropropene	ND	ND	.0005	No standard
Ethylbenzene	ND	ND	0.0005	0.7
Hexachlorbutadiene	ND	ND	.0005	No standard
4-Isopropyltoluene	ND	ND	.0005	No standard
Dichloromethane	ND	ND	0.0005	0.005
Naphthalene	ND	ND	0.0005	No standard
Propylbenzene	ND	ND	.0005	No standard
Styrene	ND	ND	0.0005	0.1
1,1,1,2-Tetrachloroethane	ND	ND	.0005	No standard
1,1,2,2-Tetrachloroethane	ND	ND	0.0005	No standard
Tetrachloroethene	ND	ND	0.0005	0.005
Toluene	ND	ND	0.0005	1
1,2,3-Trichlorobenzene	ND	ND	.0005	No standard
1,2,4-Trichlorobenzene	ND	ND	0.0005	0.07
1,1,1-Trichloroethane	ND	ND	0.0005	0.2
1,1,2-Trichloroethane	ND	ND	0.0005	0.005
Trichloroethene (TCE)	ND	ND	.0005	.005
Trichloroflouromethane	ND	ND	.0005	No standard
Trichlorotriflouoroethane	ND	ND	.0005	No standard
1,2,3-Trichloropropane	ND	ND	.0005	No standard
1,2,4-Trimethylbenzene	ND	ND	.0005	No standard
1,3,5-Trimethylbenzene	ND	ND	.0005	No standard
Vinyl chloride	ND	ND	0.0005	0.002
Methyl tertiary butyl ether (MTBE)	ND	ND	0.0005	No standard
Methyl Ethyl Ketone	ND	ND	.0005	No standard
o-Xylene	ND	ND	.0005	No standard
m-Xylene (1)	ND	ND	.0005	No standard
p-Xylene (1)	ND	ND	.0005	No standard
Xylenes (total)	ND	ND	0.0005	10
Chlorine as CL2	NA	ND	0.05	4.0
Chloramine as CL2	NA	ND	0.05	4.0
Chlorine dioxide as CL02	NA	ND	0.10	0.8
<u>Organic Chemicals-trihalomethanes:</u>				
Bromoform	ND	ND	0.0005	No standard
Bromodichloromethane	ND	ND	0.0005	No standard
Chloroform	ND	ND	0.0005	No standard
Chlorodibromomethane	ND	ND	0.0005	No standard
Total Trihalomethanes	ND	ND	0.0005	0.08
<u>Organic Chemicals-Volatiles:</u>				
Monochloroacetic Acid	1.0	2.5	1.0	No standard
Dichloroacetic Acid	ND	ND	1.0	No standard
Trichloroacetic Acid	ND	ND	1.0	No standard
Monobromoacetic Acid	ND	ND	1.0	No standard
Dibromoacetic Acid	ND	ND	1.0	No standard
Haloacetic acids, total (HAA5)	1.0	2.5	1.0	60.0

ND = Not detected NA=not tested * Mineral water is exempt from allowable level. These exemptions are aesthetically based on allowable levels and do not relate to a health concern.

Product	Distilled Water	Spring Water	Detection Limit	FDA SOQ
Synthetic Organic Chemicals-herbicides, pesticides and pcb's				
Endrin	ND	ND	0.00003	0.002
Lindane	ND	ND	0.00003	0.0002
Methoxychlor	ND	ND	0.0001	0.04
Polychlorinated biphenyls (PCBs)	ND	ND	0.0001	0.0005
Toxaphene	ND	ND	0.001	0.003
Silvex (2,4,5-TP)	ND	ND	0.0002	0.05
2,4-D (Dichlorophenoxy acetic acid)	ND	ND	0.0001	0.07
2,3,7,8-TCDD (Dioxin)	ND	ND	5.0	3 x 10(-8)
Alachlor	ND	ND	0.0002	0.002
Aldrin	ND	ND	.0005	No standard
Atrazine	ND	ND	0.0001	0.003
Chlordane	ND	ND	0.0001	0.002
Dalapon	ND	ND	0.001	0.20
Dichloran	ND	ND	.001	No standard
Dieldrin	ND	ND	.00002	No standard
Dinoseb	ND	ND	0.0002	0.007
Heptachlor	ND	ND	0.00003	0.0004
Heptachlor epoxide	ND	ND	0.00003	0.0002
Hexachlorobenzene	ND	ND	.0001	.001
Hexachlorocyclopentadiene	ND	ND	.0001	.05
Pentachloronitrobenzene	ND	ND	.0005	No standard
Pentachlorophenol	ND	ND	0.0004	0.001
Picloram	ND	ND	0.0001	0.5
Trifluralin	ND	ND	.001	No standard
Synthetic Organic Chemicals			MCL, ug/L	MCL, ug/L
Cyanide	ND	ND	15	200
T. Phenols	ND	ND	1	No standard
Carbaryl	ND	ND	1.5	No standard
Methomyl	ND	ND	1	No standard
Aldicarb sulfoxide	ND	ND	2.0	7
Aldicarb sulfone	ND	ND	1.5	7
Aldicarb	ND	ND	0.002	7
3-Hydroxycarbofuran	ND	ND	1.0	3
Oxamyl (vydate)	ND	ND	1.5	200
Carbofuran	ND	ND	2.5	40
Metolachlor	ND	ND	.20	No standard
Butachlor	ND	ND	.20	No standard
Propachlor	ND	ND	.20	No standard
Dieldrin	ND	ND	.20	No standard
Methoxychlor	ND	ND	.20	40
Metribuzin	ND	ND	.001	No standard
Di(2-ethylhexyl)adipate	ND	ND	.20	400
Hexachlorobenzene	ND	ND	.20	1
Di(2-ethylhexyl)phthalate	ND	ND	.5	6
Benzo(a)pyrene	ND	ND	.2	.2
Simazine	ND	ND	.2	4
Glyphosate	ND	ND	6	700
Endothall	ND	ND	9	100
Diquat	ND	ND	1	20
Hexachlorocyclopentadiene	ND	ND	0.0001	0.05
Total Recoverable Phenolics	ND	ND	0.001	0.001

ND = Not detected NA=not tested * Mineral water is exempt from allowable level. These exemptions are aesthetically based on allowable levels and do not relate to a health concern.

Product	Distilled Water	Spring Water	Detection Limit	FDA SOQ
Dibromochloropropane (DBCP)	ND	ND	0.00001	0.0002
1,2-Dibromo3chloropropane	ND	ND	.00001	.0002
<u>Water Properties</u>				
Color	ND	ND	3 Units	15 Units
Turbidity	ND	ND	0.1 NTU	1.0 NTU
pH	4.9	5.9	-----	6.5-8.5 SU
pH temperature (C)	22	23		
Odor Threshold	ND	ND	-----	3 ton
<u>Radiological Contaminants</u>				
Gross alpha particle activity	-.131(+-.54)	.056(+-.566)	1.60 pCi/L	15 pCi/L
Gross beta particle and photon activity	-.824(+-.591)	.778(+-.871)	1.88 pCi/L	50 pCi/L
Radium 226	.206(+-.378)	.421(+-.337)	.342 pCi/L	5 pCi/L
Radium 228	.381(+-.292)	.256(+-.339)	.190 pCi/L	5 pCi/L
Uranium	.071(+-.004)	.120(+-.003)	.210 ug/L	
Tritium and other manmade nuclides		ND	1 pCi/L	No standard
<u>Microbiological Contaminants</u>				
Total Coliform	ND	ND	Presence	Absence
Heterotrophic Plate Count	480	<1	1 CFU	500
<u>Other Regulated Contaminants</u>				
<u>Inorganic Chemicals, physical factors</u>				
Alkalinity	ND	25	20	No standard
Bromide	ND	.007	.005	No standard
Bromate	ND	.008	.005	0.10
Chloride*	ND	1.6	1.0	250
Chlorite	ND	ND	0.005	1.0
Corrosivity	-6.8	-3.4	Langelier In	No standard
Fluoride	ND	ND	-6.8	No standard
Foaming Agents	ND	ND	0.1	.5
Hardness (as CaCO3)	ND	19	10	No standard
Nitrate as N	ND	.06	.05	10
Nitrite as N	ND	ND	.05	1
Ortho Phosphate	ND	ND	2.0	No standard
Sulfate*	ND	ND	5	250
Total Dissolved Solids (TDS)*	1	31	5	500

ND = Not detected NA=not tested * Mineral water is exempt from allowable level. These exemptions are aesthetically based on allowable levels and do not relate to a health concern.