ESSENTIA WATER TECHNICAL SHEET

10/20/2022

DESCRIPTION

Purified Water with Electryolytes Added for Taste

SHELF LIFE

PET Bottles = 2 years
2Gallon BIB = 18 months (547 days)

STORAGE REQUIREMENTS

Ambient Storage; Do not store or display in direct sunlight; do not freeze; products must be stored in a temperature-controlled environment away from odors, not to exceed 85°F or below 40°F.

KOSHER

OU Kosher

ALLERGENS

None

INGREDIENTS

Ingredients: Purified Water (by Reverse Osmosis), sodium bicarbonate*, dipotassium phosphate*, magnesium sulfate*, calcium chloride*
* Electrolytes added for taste

PRODUCTS	Item #	Bottle Size	Description
Essentia Water: purified water with electrolytes added for taste	902412	12 oz.	2/12/12oz. Tray
	902420	20 oz.	24/20oz. Box
	932420	20 oz.	Amazon 24/20oz. Box
	900617	500 mL	4/6/500 mL Tray
	901224	700 mL	24/700 mL Box
	901210	1.0 L	12/1.0 L Box
	900633	1.0 L	2/6/1.0 L Tray
	931210	1.0 L	Amazon 1.0L SIOC Box
	930125	1.25 L	Amazon 1.25L SIOC Box
	901215	1.5 L	12/1.5 L Box
	900280	2 Gallon	2 Gallon (BIB) - 1x2 box

PACKAGING

All bottles, caps, and film are 100% recyclable. Bottles are made from PET plastic resin or rPET, recycled PET resin; caps are made from HDPE plastic resin; and shrink film is made from LDPE plastic. The resin compositions comply with FDA regulation (21 CFR 177.1520 and 177.1630) for food-contact plastics. Bottles are sealed with tamper evident bands that have a ring around the neck; this band detaches from the cap once opened. No Bisphenol A (BPA) is intentionally added or used as an additive or raw material in the manufacture of this product.

MANUFACTURING

All bottled water production facilities for Essentia Water are SQF (Safe Quality Food) and IBWA (International Bottled Water Association) certified, conform to HACCP, Traceability, and GMP standards, and are OU Kosher Certified.

NUTRITIONAL INFORMATION

	Per Serving (12 fl oz)
Calories	0 g
Total Fat	0 g
Sodium	5 mg
Protein	0 g

SENSORY SPECIFICATIONS

Colorless, Odorless

CHEMICAL SPECIFICATIONS

Parameter	Target	Range
Total Dissolved Solids (TDS)	60 ppm	50 - 70 ppm
pH	9.6	9.5 - 10.5

MICROBIOLOGICAL SPECIFICATIONS

Parameter	Limit
Total Coliforms	Absent, <1.1 MPN / 100mL
E.coli	Absent, <1.1 MPN / 100mL

ESSENTIA MINERAL CONTENT AVERAGES (mg / 1L)

Sodium	14 mg	Magnesium	1.3 mg
Bicarbonate	35 mg	Sulfate	< 1
Potassium	7.2 mg	Calcium	< 1
Phosphate	2.25 mg	Chloride	< 1

Substance	Units	MDL*	MCL**	LEVEL FOUND***
Physical Quality				
Alkalinity in CACO3 Units	mg/L	2	NR	37
Apparent Color	ACU	3	15	ND
Specific Conductance, 25C	umho/cm	2	1600	103
Total Hardness	mg/L CaCO3	3	NR	5.9
Odor at 60C	TON	1	3	0.3
Total Dissolved Solids (TDS)	mg/L	10	500	57
Turbidity	NTU	0.1	5	0.11
pH	units	0.1	NR	9.8
Bicarb Alkalinity as HCO3	mg/L HCO3	2	NR	34.5
Microbiological				
Total Coliform	cfu/100mL	1	Absence	Absent
Disinfection Residuals / By Products (DBPs)				
Bromate	mg/L	0.001	0.01	ND
Chloramines	mg/L	0.1	4	ND
Chlorite by IC	mg/L	0.01	1	ND
Chlorine Dioxide	mg/L	0.24	0.8	ND
Free Chlorine Residual	mg/L	0.1	4	ND
Radiologicals				
Alpha, Gross	pCi/L	3	15	ND
Beta, Gross	pCi/L	3	50‡	6.2
Total Radium 226+228	pCi/L	1	5	ND
Uranium	mg/L	0.001	0.03	ND
Inorganic Chemicals				
Aluminum	mg/L	0.02	0.2	ND
Antimony	mg/L	0.001	0.006	ND
Arsenic	mg/L	0.001	0.01	ND
Barium	mg/L	0.002	2	ND
Beryllium	mg/L	0.001	0.004	ND
Cadmium	mg/L	0.0005	0.005	ND
Calcium	mg/L	1	NR	ND
Chloride	mg/L	0.5	250	ND
Chromium	mg/L	0.001	0.1	ND
Copper	mg/L	0.002	1	ND
Cyanide	mg/L	0.025	0.2	ND
Fluoride	mg/L	0.05	1.4	ND
Iron	mg/L	0.02	0.3	ND
Lead	mg/L	0.0005	0.005	ND
Magnesium	mg/L	0.1	NR	1.4
Manganese	mg/L	0.002	0.05	ND
Mercury	mg/L	0.0002	0.002	ND
Nickel	mg/L	0.005	0.1	ND
Nitrate as Nitrogen	mg/L	0.1	10	ND
Nitrite Nitrogen	mg/L	0.05	1	ND
Phenolic Compounds	mg/L	0.001	0.001	ND
Potassium	mg/L	1	NR	7.0
Selenium	mg/L	0.005	0.05	ND
Silver	mg/L	0.0005	0.1	ND
Sodium	mg/L	1	NR	15
Sulfate	mg/L	0.5	250	3.3
Thallium	mg/L	0.001	0.002	ND
Total Nitrate+Nitrite-Nitrogen	mg/L	0.1	10	ND
Zinc	mg/L	0.02	5	ND
Organic Chemicals				
1,1,1-Trichloroethane	mg/L	0.0005	0.2	ND
1,1,2,2-Tetrachloroethane	mg/L	0.0005	1‡	ND
1,1,2-Trichloroethane	mg/L	0.0005	0.005	ND
1,1-Dichloroethylene	mg/L	0.0005	0.007	ND
1,2,4-Trichlorobenzene	mg/L	0.0005	0.07	ND
1,2-Dichloroethane	mg/L	0.0005	0.005	ND
1,2-Dichloropropane	mg/L	0.0005	0.005	ND
2,3,7,8-TCDD	mg/L	$5x10^{-9}$	$3x10^{-8}$	ND
2,4,5-TP (Silvex)	mg/L	0.0002	0.05	ND
2,4-D	mg/L	0.0001	0.07	ND
Alachlor (Alanex)	mg/L	0.00005	0.002	ND
Atrazine	ug/L	0.05	3	ND
Bentazon	mg/L	0.0005	0.018‡	ND
Benzene	mg/L	0.0005	0.005	ND
Benzo(a)pyrene	ug/L	0.02	0.2	ND
Carbofuran (Furadan)	mg/L	0.0005	0.04	ND

Carbon Tetrachloride	mg/L	0.0005	0.005	ND
Chlordane	mg/L	0.0001	0.002	ND
Chlorobenzene	mg/L	0.0005	0.1	ND
cis-1,2-Dichloroethylene	mg/L	0.0005	0.07	ND
Dalapon	mg/L	0.001	0.2	ND
Di-(2-Ethylhexyl)adipate	mg/L	0.0006	0.4	ND
Di-(2-Ethylhexyl)phthalate	mg/L	0.0006	0.006	ND
Dibromochloropropane (DBCP)	ug/L	0.01	0.2	ND
Dichloromethane	mg/L	0.0005	0.005	ND
Dinoseb	mg/L	0.0002	0.007	ND
Diquat	mg/L	0.0004	0.02	ND
Endothall	mg/L	0.005	0.1	ND
Endrin	ug/L	0.01	2	ND
Ethyl Benzene	mg/L	0.0005	0.7	ND
Ethylene Dibromide (EDB)	ug/L	0.01	0.05	ND
Glyphosate	mg/L	0.006	0.7	ND
Heptachlor	ug/L	0.01	0.4	ND
Heptachlor Epoxide	ug/L	0.01	0.2	ND
Hexachlorobenzene	ug/L	0.05	1	ND
Hexachlorocyclopentadiene	ug/L	0.05	50	ND
Lindane	ug/L	0.04	0.2	ND
Methoxychlor	ug/L	0.05	40	ND
o-Dichlorobenzene (1,2-DCB)	mg/L	0.0005	0.6	ND
Oxamyl (Vydate)	mg/L	0.0005	0.2	ND
p-Dichlorobenzene (1,4-DCB)	mg/L	0.0005	0.075	ND
Pentachlorophenol	ug/L	0.04	1	ND
Picloram	mg/L	0.0001	0.5	ND
Simazine	ug/L	0.05	4	ND
Styrene	mg/L	0.0005	0.1	ND
Tetrachloroethylene (PCE)	mg/L	0.0005	0.005	ND
Toluene	mg/L	0.0005	1	ND
Total Haloacetic Acids (HAA5)	mg/L	0.002	0.06	ND
Total PCBs	mg/L	0.0001	0.0005	ND
Total THM	mg/L	0.0005	0.01‡	ND
Total Xylenes	mg/L	0.0005	10	ND
Toxaphene	mg/L	0.0005	0.003	ND
trans-1,2-Dichloroethylene	mg/L	0.0005	0.1	ND
Trichloroethylene (TCE)	mg/L	0.0005	0.005	ND
Vinyl chloride (VC)	mg/L	0.0003	0.002	ND

ND = Not detected
NR = Not listed in state or federal drinking water regulations
*MDL = Method Detection Limit. These values reflect the lowest concentration of substance that can be accurately quantified and detected by the applicable testing method
**MCL = Maximum Contaminant Level. This is the highest level of substance allowed by law in drinking water. The MCLs are the federal MCLs set by the EPA and FDA, unless in those cases where no federal MCL exists
***Level Found = average of representative samples from all Essentia Water Bottling locations
‡ = Where no federal MCL exists, the MCLs shown are the California Health Services' MCLs