

CHEMICAL ANALYSIS OF BOTTLED WATER BRANDS IN THE UAE

Substances in mg/litre	Al Ain	Aquafina	Arwa	Gulfa	Masafi	Nestle PureLife	Acqua Panna	Evian	Volvic
Water type	<i>Drinking</i>	<i>Drinking</i>	<i>Drinking</i>	<i>Drinking</i>	<i>Drinking</i>	<i>Drinking</i>	<i>Mineral</i>	<i>Mineral</i>	<i>Mineral</i>
Calcium	8	5	1.2	18	3.4	36	30.2	80	11.5
Magnesium	13	13	20.7	8	19	4.7	6.9	26	8
Sodium	8	16	3.3	12	10	18	6.5	6.5	11.6
Potassium	2	1	1	0.1	0.2	0.2	0.9	1	6.2
Iron	-	-	0.1	-	-	0.02	-	-	-
Sulphates	5	51	96.8	5	19	22	21.4	12.6	8.1
Chloride	40	-	1	62	47	68	7.1	6.8	40
Nitrate	0.3	0.1	1	0.1	0.4	1	5.7	3.7	6.3
Bicarbonate	30	-	7	26	27	42	100	360	71
Fluoride	-	-	0.1	-	-	0.9	0.1	-	-
Silica	-	-	-	-	-	-	8.2	15	31.7
Total dissolved solids (TDS)	110	110	115	120	120-180	235	-	-	-
Total dry extract (mineral content)	-	-	-	-	-	-	-	309	130
PH	7.3	7	6.9	7.5	7.8	7.1	8.2	7.2	7
Total hardness (CaCO3)	-	53	100	-	-	110	-	-	-
AED price per 1.5litre bottle	1.50	1.50	1.50	1.35	1.35	1.50	7.25	7.25	7.30