

Table 1. Code numbers, nature, localities and properties of the ten drinking water samples

Code number	1	2	3	4	5	6	7	8	9	10
Nature Locality	Tap water	Tap water	Tap water	Tap water	Tap water	Tap water	Bottled water	Bottled water	Bottled water	Bottled water
	Zagazig "Fac. of Med."	Diarb Negm "Home"	Bishitayied "Home"	Tal ElQadi "Home"	Saft "home"	El atayea "home"	Aq.	Ba.	Si.	Hy.
PH value	7.68	8.17	8.43	7.81	7.48	8.03	8.31	8.16	7.95	7.88
Zinc (0.005mg/l)	0.4605	0.0499	0.115	0.0208	0.0715	0.0358	0.006	0.009	0.016	0.0004
Cadmium (0.0005 mg/l)	<	<	<	<	<	<	<	<	<	<
Cobalt (0.05 mg/l)	<	<	<	<	<	<	<	<	<	<
Chromium (0.005 mg/l)	0.0435	0.0838	0.0908	0.0801	0.0839	0.0377	0.09	0.084	0.117	0.1274
Copper (0.02 mg/l)	0.0213	0.0143	0.0165	0.0112	0.0342	0.0562	0.061	0.044	0.031	0.0741
Iron (0.01 mg/l)	0.0446	0.0246	0.0203	0.0708	0.0326	0.0740	0.062	0.063	0.085	0.0926
Manganese (0.1 mg/l)	0.1106	0.1196	0.1984	0.2525	0.3541	0.2797	0.141	0.142	0.151	0.1533
Nikel (0.005 mg/l)	<	<	<	<	<	<	<	<	<	<
Molybdenum (0.01 mg/l)	<	<	<	<	<	<	<	<	<	<
Lead (0.05 mg/l)	0.0546	0.0307	0.0581	0.0416	0.0204	0.0216	0.051	0.067	0.046	0.0631
Selenium (0.01 mg/l)	<	<	<	<	<	<	<	<	<	<

Values between brackets are minimum concentrations of metal ions that be detected by ICP
 < : less than detectable concentration.