

LIBYAN STANDARD NO.82 FOR DRINKING WATER

NATURAL CHARACTERISTICS

NO	Substance	Minimum acceptable Concentration	Maximum allowable Concentration
1	Color	5 units	15 Units
2	Temperature	22c	25c
3	Turbidity	1 Units	5 Units
4	Taste	acceptable	
5	Odor	acceptable	

CHEMICAL COMPOUNDS STANDARD FOR D.W.

1	Conductivity	750 Ms/cm	1200 Ms/cm
2	PH	6.5	8.5
3	Total hardness	200 mg/L	500 mg/L
4	Total dissolved solid	500 mg/L	1000 mg/L
5	Sulphates	200 mg/L	400 mg/L
6	Chloride	200 mg/L	250 mg/L
7	Sodium	20 mg/L	200 mg/L
8	Copper	0.01 mg/L	1 mg/L
9	Calcium	75 mg/L	200 mg/L
10	Magnesium	30 mg/L	150 mg/L
11	Potassium	10 mg/L	40 mg/L
12	Zinc	5 mg/L	15 mg/L
13	Fluoride	1 mg/L	1.5 mg/L
14	Iron	0.1 mg/L	0.3 mg/L
15	Manganese	0.05 mg/L	0.1 mg/L
16	Aluminum	0	0.2 mg/L

CHEMICAL COMPOUNDS HAZARDOUS TO HEALTH

17	PHOSPHATE	0	0
18	NITRATE	0	45 mg/L
19	AMMONIA	0	0.05.mg/L

TOXIC SUBSTANCE

20	ARSENIC	0	0.05.mg/L
21	BARIUM	0	1 mg/L
22	LEAD	0	0.05 .mg/L
23	CYANIDE	0	0.05 .mg/L

NOTE mg/L is equivalent to ppm