

**FSQM L # 47. WHO - DRINKING WATER STANDARDS**

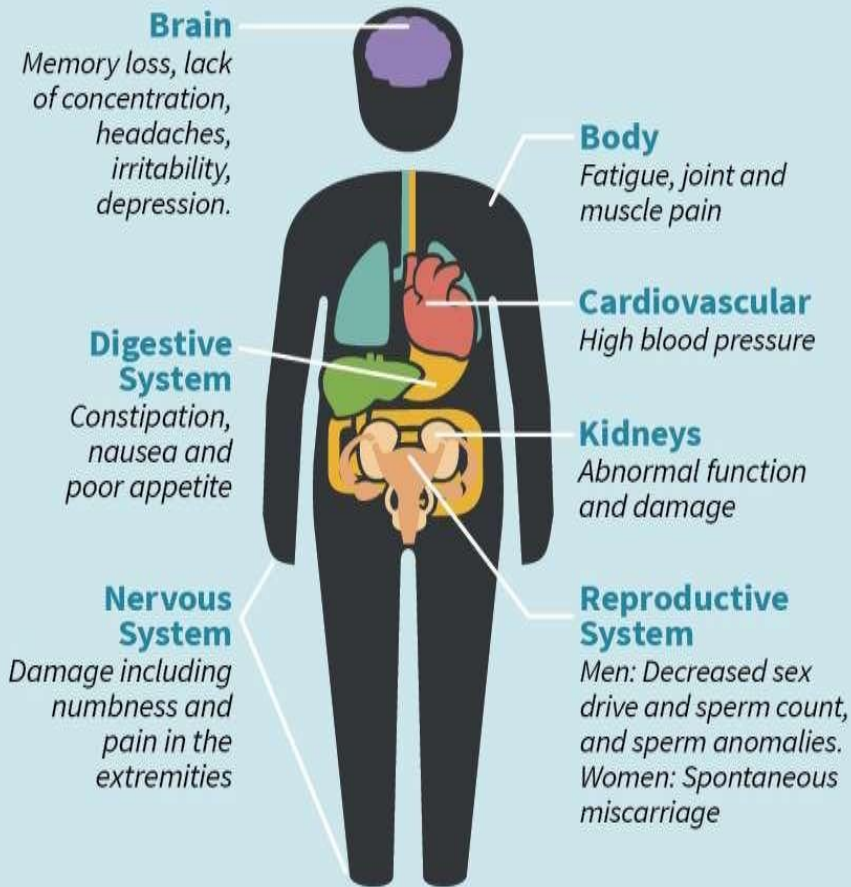
<b>PARAMETERS</b>	<b>UNIT</b>	<b>LIMIT</b>
<b>SENSORY PARAMETERS &amp; STANDARS</b>		
Color	Colorless	<b>Nil</b>
Turbidity	Clear	<b>Nil</b>
Sedimentation	No	<b>Nil</b>
Odor	Odorless	<b>Nil</b>
Taste	Tasteless / Normal	<b>Nil</b>
<b>CHEMICAL PARAMETERS &amp; STANDARS</b>		
Aluminium	mg / L	<b>0.2</b>
Arsenic	mg / L	<b>0.05</b>
Barium	mg / L	<b>0.05</b>
Beryllium	µg / L	<b>0.2</b>
Cadmium	µg / L	<b>5.0</b>
Calcium	mg / L	<b>200.0</b>
Chromium	mg / L	<b>0.05</b>
Copper	mg / L	<b>1.0</b>
Iron Total	mg / L	<b>0.3</b>
Lead	mg / L	<b>0.01</b>
Magnesium	mg / L	<b>150.0</b>
Manganese	mg / L	<b>0.1</b>
Mercury	µg / L	<b>1.0</b>
Selenium	mg / L	<b>0.01</b>
Sodium	mg / L	<b>200.0</b>
Zinc	mg / L	<b>5.0</b>
Chlorides	mg / L	<b>250.0</b>
Cyanide	mg / L	<b>0.1</b>
Fluorides	mg / L	<b>1.5</b>
Nitrates	mg / L	<b>10.0</b>
Nitrites	mg / L	<b>-</b>
Sulphates	mg / L	<b>400.0</b>
Suphides	mg / L	<b>0</b>
Hydrocarbons	mg / L	<b>0.1</b>
Anionic Detergents	mg / L	<b>0</b>
<b>PHYSICAL PARAMETERS &amp; STANDARS</b>		
pH	<b>6.5 - 8.5</b>	<b>9.2</b>
Total Dissolved Solids	mg / L	<b>1500</b>
Total Hardness	mg / L	<b>500</b>
Alkalinity	mg / L	<b>500</b>
<b>MICROBIOLOGICAL PARAMETERS &amp; STANDARS</b>		

<i>Total Bacteria</i>	Count / mL	<b>100</b>
<i>Coliform</i>	Count / 100 mL	<b>0</b>
<i>E. Coli</i>	Count / 100 mL	<b>0</b>
<i>Salmonella</i>	Count / 100 mL	<b>0</b>
µg = microgram or ppb	mg = milligram or ppm	
Ref: <a href="http://www.fao.org/3/X5624E/x5624e05.htm">http://www.fao.org/3/X5624E/x5624e05.htm</a> (12-6-2020)		

# Health Impacts of Lead

Exposure to high levels of lead can cause severe damage to the brain, blood and kidneys. Children under six are most at risk from lead poisoning. Even low levels of lead exposure have been found to permanently reduce cognitive ability and cause hyperactivity in children.

## ADULTS



## CHILDREN

