

Table 13 Values of physical chemical properties of WHO and Iraqi standards for drinking water

Parameter	WHO Standards 2008	Iraqi Standards
Ph	6.5-8.5	6.5-8.5
Turbidity NTU	5	5
Electrical Conductivity μ S/cm	2500	2000
TDS. mg.l^{-1}	1000	1000
TSS . mg.l^{-1}	60	60
Calcium. mg.l^{-1}	200	150
Magnesium. mg.l^{-1}	150	150
Total Hardness . mg.l^{-1}	500	500
Chloride . mg.l^{-1}	250	250
Sulphate . mg.l^{-1}	250	250
Nitrate . mg.l^{-1}	50	50
Phosphate mg.l^{-1}	0.5	0.5