

Parameter	Maximum Admissible Concentration (MAC)	Unit of Analysis
IRON in solution/suspension	200	µg /l Fe
MANGANESE	50	µg /l Mn.
P.H.	≥6.5 and ≤9.5	
TOTAL HARDNESS (As Lime)	200	mg/ l CaCO ₃
NITRATE	50	mg/l NO ₃
NITRITE	0.5	mg/l NO ₂
AMMONIA	0.3	mg/l NH ₄
CONDUCTIVITY	2500	µS cm @20°C
TOTAL DISSOLVED SOLIDS	500	mg/l
CHLORIDE	250	mg/l
ALUMINIUM	0.2	mg/l. Al
COPPER	2.0	mg/l Cu
SULPHATES	250	mg/l
HYDROGEN SULPHIDE	2	µg/S
COLOUR (Pt Co)	200	Pt Co APHA
ODOUR (found mainly in deep wells and may vary from season to season)	1-10	Dilution No.
FLUORIDE	0.8-1.5	mg/l F
ARSENIC	10	µg/l As
OXYGEN	<5	mg/l O ₂
ORTHO PHOSPHATE	70	µg/l PO ₄
TOTAL COLIFORMS	Zero	Number/100ml
*FAECAL - COLIFORMS	Zero	Number /100ml

If there is a presence of *Faecal-Coliforms it indicates a contamination from excreta of animal or human origin.