

WATER			
Test parameter	LOQ	SPECIFICATIONS	Unit
Package - Packaged Drinking Water	----		-
Escherichia coli	NA	Absent	/250 ml
Coliform Bacteria	NA	Absent	/250 ml
Faecal Streptococci	NA	Absent	/250 ml
Staphylococcus aureus	NA	Absent	/250 ml
Sulphite Reducing Anaerobes	NA	Absent	/50 ml
Pseudomonas aeruginosa	NA	Absent	/250 ml
Aerobic Plate Count @ 22 deg 72 hrs.	NA	Max. 100	cfu/ml
Aerobic Plate Count @ 37 deg 24 hrs.	NA	Max. 20	cfu/ml
Yeast & Mould Count	NA	Absent	/250 ml
Salmonella spp.	NA	Absent	/250 ml
Shigella Species	NA	Absent	/250 ml
Vibrio Cholera	NA	Absent	/250 ml
Vibrio Parahaemolyticus	NA	Absent	/250 ml
Colour	1	Max.2.0	true colour units
Odour	NA	Agreeable	-
Taste	NA	Agreeable	-
Turbidity	1	Max.2.0	NTU
Total Dissolved Solids	NA	Max.500	mg/l
pH@25°C	NA	6.5 - 8.5	-
Barium (as Ba)	0.01	Max.1.0	mg/l
Copper (as Cu)	0.01	Max.0.05	mg/l
Iron (as Fe)	0.01	Max.0.1	mg/l
Manganese (as Mn)	0.001	Max.0.1	mg/l
Nitrate (as NO3)	0.1	Max.45.0	mg/l
Nitrite (as NO2)	0.01	Max.0.02	mg/l
Fluoride (as F)	0.1	Max.1.0	mg/l
Zinc (as Zn)	0.01	Max.5.0	mg/l
Silver (as Ag)	0.001	Max.0.01	mg/l
Aluminium (as Al)	0.01	Max.0.03	mg/l
Chloride (as Cl)	NA	Max.200.0	mg/l
Selenium (as Se)	0.001	Max.0.01	mg/l
Sulphate (as SO4)	1	Max.200.0	mg/l
Alkalinity (as HCO3)	NA	Max.200.0	mg/l
Calcium (as Ca)	NA	Max.75.0	mg/l
Magnesium (as Mg)	NA	Max.30.0	mg/l
Sodium (as Na)	1	Max.200.0	mg/l
Residual Free Chlorine	0.2	Max.0.2	mg/l
Phenolic compounds (as C6H5OH)	0.001	Absent	mg/l
Mineral Oil	0.01	Absent	mg/l
Anionic surface active agents (as MBAS)	0.05	Max.0.2	mg/l
Sulphide (as H2S)	0.05	Max.0.05	mg/l
Antimony (as Sb)	0.001	Max.0.005	mg/l
Borates (as B)	0.2	Max.5.0	mg/l
Mercury (as Hg)	0.0001	Max.0.001	mg/l
Cadmium (as Cd)	0.005	Max.0.01	mg/l
Total Arsenic (as As)	0.01	Max.0.05	mg/l
Cyanide (as CN)	0.01	Absent	mg/l
Lead (as Pb)	0.005	Max. 0.01	mg/l
Total Chromium (as Cr)	0.01	Max. 0.05	mg/l
Nickel (as Ni)	0.01	Max. 0.02	mg/l
Polychlorinated biphenyle (PCB)	0.00001	Not detectable	mg/l
Polynuclear aromatic hydrocarbons (PAH)	0.00001	Not detectable	mg/l

Bromate	1	max 10	ppb
INJ GCMS MR	-----		-
DDT (o, p and p, p - Isomers of DDT, DDE and DDD)	0.00001	Not more than 0.0001	mg/l
Lindane (gamma- HCH)	0.00001	Not more than 0.0001	mg/l
alpha- HCH	0.00001	Not more than 0.0001	mg/l
beta- HCH	0.00001	Not more than 0.0001	mg/l
delta- HCH	0.00001	Not more than 0.0001	mg/l
Endosulphan (residues are measured and reported as total of endosulfan A and B and endosulfan-sulphate)	0.00001	Not more than 0.0001	mg/L
Chlorpyrifos	0.00001	Not more than 0.0001	mg/l
2,4 Dichlorophenoxyacetic acid	0.00001	Not more than 0.0001	mg/l
Aldrin/Dieldrin	0.00001	Not more than 0.0001	mg/l
INJ LCMS MR		-----	-
Monocrotophos	0.00001	Not more than 0.0001	mg/l
Ethion	0.00001	Not more than 0.0001	mg/l
Phorate (Phorate and its oxygen analogue that is phorate sulphoxide and phorate sulphone)	0.00001	Not more than 0.0001	mg/l
Butachlor	0.00001	Not more than 0.0001	mg/l
Isoproturon	0.00001	Not more than 0.0001	mg/l
Alachlor	0.00001	Not more than 0.0001	mg/l
Atrazine	0.00001	Not more than 0.0001	mg/l
Methyl Parathion (Methyl Parathion and its oxygen analogue that is methyl-paraoxon)	0.00001	Not more than 0.0001	mg/l
Malathion (Malathion and its oxygen analogue that is malaaxon)	0.00001	Not more than 0.0001	mg/l
Total Pesticide Residue	0.00001	Not more than 0.0005	mg/l