

WATER			
Test parameter	LOQ	SPECIFICATIONS	Unit
Package - Drinking Water (10500)	----	----	-
Coliform Count	NA	Shall not be detectable	cfu/100 ml
E. coli	NA	Shall not be detectable	/100 ml
Colour	1	Max. 5.0	Hazen units
Odour	NA	Agreeable	-
pH@25°C	NA	6.5 - 8.5	-
Taste	NA	Agreeable	-
Turbidity	1	Max. 1.0	NTU
Total Dissolved Solids	NA	Max. 500	mg/l
Aluminium (as Al)	0.01	Max. 0.03	mg/l
Ammonia (as Total Ammonia-N)	0.1	Max. 0.5	mg/l
Anionic surface active agents (as MBAS)	0.05	Max. 0.2	mg/l
Barium (as Ba)	0.01	Max. 0.7	mg/l
Boron (as B)	0.2	Max. 0.5	mg/l
Calcium (as Ca)	NA	Max. 75	mg/l
Chloramines (as Cl ₂)	0.2	Max. 4.0	mg/l
Chloride (as Cl)	NA	Max. 250.0	mg/l
Copper (as Cu)	0.01	Max. 0.05	mg/l
Fluoride (as F)	0.1	Max. 1.0	mg/l
Free Residual Chlorine	0.2	Min. 0.2	mg/l
Iron (as Fe)	0.01	Max. 0.3	mg/l
Magnesium (as Mg)	NA	Max. 30.0	mg/l
Manganese (as Mn)	0.001	Max. 0.1	mg/l
Mineral Oil	0.01	Max. 0.5	mg/l
Nitrate (as NO ₃)	0.1	Max. 45.0	mg/l
Phenolic compounds (as C ₆ H ₅ OH)	0.001	Max. 0.001	mg/l
Selenium (as Se)	0.001	Max. 0.01	mg/l
Silver (as Ag)	0.001	Max. 0.1	mg/l
Sulphate (as SO ₄)	1	Max. 200.0	mg/l
Sulphide (as H ₂ S)	0.05	Max. 0.05	mg/l
Total Alkalinity (as CaCO ₃)	NA	Max. 200.0	mg/l
Total Hardness (as CaCO ₃)	NA	Max. 200.0	mg/l
Zinc (as Zn)	0.01	Max. 5.0	mg/l
Cadmium (as Cd)	0.005	Max. 0.003	mg/l
Cyanide (as CN)	0.01	Max. 0.05	mg/l
Lead (as Pb)	0.005	Max. 0.01	mg/l
Mercury (as Hg)	0.0001	Max. 0.001	mg/l
Molybdenum (as Mo)	0.01	Max. 0.07	mg/l
Nickel (as Ni)	0.01	Max. 0.02	mg/l
Polychlorinated biphenyle (PCB)	0.00001	Max. 0.0005	mg/l
Polynuclear aromatic hydrocarbons (PAH)	0.00001	Max. 0.0001	mg/l
Total Arsenic (as As)	0.01	Max. 0.01	mg/l
Total Chromium (as Cr)	0.01	Max. 0.05	mg/l
Bromoform	0.01	Max. 0.1	mg/l
Dibromochloromethane	0.01	Max. 0.1	mg/l
Bromodichloromethane	0.01	Max. 0.06	mg/l
Chloroform	0.01	Max. 0.2	mg/l
INJ LCMS MR		-----	-
Alachlor	0.01	Max. 20	µg/L
Atrazine	0.01	Max. 2	µg/L

Butachlor	0.01	Max. 125	µg/L
Ethion	0.01	Max. 3	µg/L
Malathion	0.01	Max. 190	µg/L
Methyl Parathion	0.01	Max. 0.3	µg/L
Monocrotophos	0.01	Max. 1	µg/L
Isoproturon	0.01	Max. 9	µg/L
Phorate	0.01	Max. 2	µg/L
INJ GCMS MR	-----		-
Aldrin/Dieldrin	0.01	Max. 0.03	µg/L
alpha- HCH	0.01	Max. 0.01	µg/L
beta- HCH	0.01	Max. 0.04	µg/L
Chlorpyrifos	0.01	Max. 30	µg/L
delta- HCH	0.01	Max. 0.04	µg/L
2,4 Dichlorophenoxyacetic acid	0.01	Max. 30	µg/L
DDT (o, p and p, p - Isomers of DDT, DDE and DDD)	0.01	Max. 1	µg/L
Endosulphan (residues are measured and reported as total of endosulfan A and B and endosulfan-sulphate)	0.01	Max. 0.4	µg/L
Lindane (gamma- HCH)	0.01	Max. 2	µg/L