

Our New e-mails: ql@qualityanalyst.in, website: www.qualityanalyst.in

: qldelhi@gmail.com

Certificate of Analysis

Quality Standard		Limits as per IS:10500:2012
Issued to	- Urvashi Retreats, Shanag Road, P.O. Bahang Manali	
Kind Attn.	- Mr.	
Analysis no.	- 21022615A	
Nature of Sample	- Water Sample	
Sample received on	- 26 th February 2021	
Sample Packing	- Pet Bottle	
Sampling Method	- Grab Sampling	

	PARAMETER	RESULT	Limit(Max)
Pesticides (microg/l)	Alachor	N.D	20
	Atrazine	N.D	2.0
	Aldrin/Dieldrin	N.D	0.03
	Alpha HCH	N.D	0.01
	Beta HCH	N.D	0.04
	Butachlor	0.10	125
	Chlorpyrifos	N.D	30
	Delta HCH	N.D	0.04
	2,4- Dichlorophenoxyacetic acid	N.D	30
	DDT (<i>o, p</i> and <i>p, p</i> – Isomers of DDT, DDE and DDD)	0.12	1.0
	Endosulfan (alpha, beta, and sulphate)	N.D	0.40
	Ethion	N.D	3.0
	Gamma-HCH (Lindane)	N.D	2.0
	Isoproturon	N.D	9.0
	Malathion	N.D	190
	Methyl Parathion	N.D	0.30
	Monocrotophos	N.D	1.0
	Phorate	N.D	2.0

Remarks: The no. of parameters tested are 18 only. N.D signifies Not Detected. The report is issued subject to the terms & conditions as mentioned overleaf.

Date: 4th March 2021 Manager-Quality Control



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Kind Attn.	-	Mr.		
Analysis no.	-	21022615		
Nature of Sample	-	Water Sample		
Sample received on	-	26 th February 2021		
Sample Packing	-	Pet Bottle		
Sample Receipt	-	By Customer		
Sampling Method	-	Grab Sampling		
PARAMETER	RESULT	DESIRED _(max.)	PERMISSIBLE _(max.)	
General	Colour Hazen units	05	05	15
	Odour	Unobjectionable	Unobjectionable	Unobjectionable
	Taste	Agreeable	Agreeable	Agreeable
Physical	pH	6.72	6.5-8.5	No Relaxation
	Turbidity	0.40 NTU	1 NTU	5 NTU
	Total Dissolved Solids mg/l	17	500	2000
Bacteria	Coliform per 100ml	Absent	Absent	No relaxation
	E.Coli per 100ml	Absent	Absent	No relaxation
Chemical (mg/l)	Total Alkalinity as CaCO ₃	7.30	200	600
	Total Hardness as CaCO ₃	4.8	200	600
	Residual Free Chlorine	Nil	0.2(min.)	1.0(min.)
	Calcium as Ca	1.1	75	200
	Magnesium as Mg	0.50	30	100
	Copper as Cu	0.01	0.05	1.5
	Manganese as Mn	< 0.01	0.1	0.3
	Selenium as SiO ₂	< 0.01	0.01	No relaxation
	Fluoride as F	0.01	1.0	1.5



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Quality Lab
Defining quality Analytically

Cadmium as Cd	N.D	0.003	No Relaxation
Chloride as Cl	3.8	250	1000
Iron as Fe	0.01	0.3	No Relaxation
Aluminium as Al	< 0.01	0.03	0.2
Anionic Detergents as MBA's	< 0.01	0.2	1.0
Arsenic as As	< 0.01	0.01	0.05
Cyanide as Cn	< 0.005	0.05	No Relaxation
Lead as Pb	< 0.01	0.01	No Relaxation
Mercury as Hg	< 0.001	0.001	No Relaxation
Zinc as Zn	0.02	05	15
Total Chromium as Cr	< 0.01	0.05	No Relaxation
Nitrates as NO3	0.86	45	No relaxation
Phenolic Compounds as C6H5OH	< 0.001	0.001	0.002
Boron as B	< 0.1	0.50	1.0
Mineral Oil	<0.01	0.50	No Relaxation
Sulphide as H2S	Nil	0.05	No relaxation
Chloramines as Cl2	Nil	4.0	No Relaxation
Ammonia as N	Nil	0.50	No Relaxation
Silver as Ag	Nil	0.10	No relaxation
Sulphates as SO4	1.4	200	400
Polychlorinated Bi Phenyls	N.D	0.0005	No relaxation
Polynuclear Aromatic			
Hydrocarbons	N.D	0.0001	No relaxation
Molybdenum as Mo	< 0.01	0.07	No relaxation
Nickel as Ni	N.D	0.02	No relaxation
Barium as Ba	N.D	0.70	No relaxation

Remarks: The Results indicate that the Quality of Water may be considered to be within the desired limits as per IS:10500, in regard to the parameters tested. The report is issued subject to the terms & conditions as mentioned overleaf.

Date: 4th March 2021

Manager-Quality Control

