



LILABA

ANALYTICAL LABORATORIES LLP

(Formerly Known As Lilaba Analytical Laboratories)

A COMPLETE FOOD & WATER TESTING LABORATORY



LAL/QF/7.8/01

Page No. 1/5

Report No. LAL-WT-020125027

TEST REPORT

ULR : TC717925000000105F

Issued To:	Sample Code :	WT-020125027
V Royal Enterprises	Issue Date :	10/01/2025
Out Side Jassusargate, Bikaner- 334001 (Raj.)	Your ref. :	--

PART A : PARTICULARS OF SAMPLES

1. Date of Receipt	: 02/01/2025	19. Batch No./Lot No	: N.M
2. Analysis starting Date	: 03/01/2025	20. Date of Mfg.	: N.M.
3. Analysis completion Date	: 09/01/2025	21. Date of Expiry	: N.M
4. Sample Drawn By	: Lab. Rep. Mr.Varun	22. Brand Name, If Any	: N.M
5. Sampling Method	: LAL/CHEM/SOP/GEN/20	23. BIS Seal	: Not Applicable
6. Sampling Location	: LAL/QF/7.3/01	24. IO's Signature	: Not Applicable
7. Temp. at the time of Sampling	: LAL/QF/7.3/01		
8. Group Name	: Drinking Water. With Amendment No-4		
9. Sample Name	: Alkaline Water		
10. Description of the Sample	: --		
11. Sample Condition	: Received in Good Condition		
12. Temp. at the time of Sample Receipt	: N.A.		
13. Test Report As Per	: IS 10500 : 2012 With Amendment No-4		
14. Sample Qty.Received	: 14		
15. Any Other Information	: --		
16. Declared Value if any	: N.A.		
17. Grade/Variety/Type/Class/Size/etc	: 1 Ltr PET Bottle		
18. Mode Of Packing	: Packed in Box		

PART B : TEST RESULTS

Water

Biological Testing

(Clause 4.1.1, Table 6) Bacteriological Quality Of Drinking Water

Sr. No.	TEST NAME	SPECIFIED REQUIREMENT	LOQ	RESULTS	TEST METHOD
1	E.Coli or thermotolerant coliform bacteria	Shall not be detectable in any 100 ml sample	-	Absent	IS 15185: 2016
2	Total coliform bacteria	Shall not be detectable in any 100 ml sample	-	Absent	IS 15185: 2016

Chemical Testing

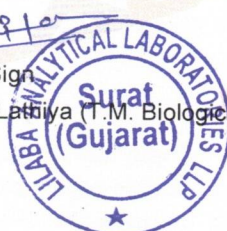
(Clause 4, Table 1) Organoleptic And Physical Parameters

Sr. No.	TEST NAME	SPECIFIED REQUIREMENT	LOQ	RESULTS	TEST METHOD
3	Colour, hazen units	Max. 5 / 15	1.00	1	IS 3025 (P- 4): 2021
4	Odour	Agreeable	-	Agreeable	IS 3025 (P- 5): 2018
5	pH Value	6.5-8.5 / No relaxation	2.00	8.47 at 25.0 degree celsius	IS 3025 (P- 11): 2022

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LAL/QP/7.8/01

Report No. LAL-WT-020125027

TEST REPORT

ULR : TC71792500000105F

Page No. 2/5

6	Taste	Agreeable	-	Agreeable	IS 3025 (P- 8): 2023
7	Turbidity, NTU	Max. 1 / 5	0.10	0.2	IS 3025 (P- 10): 2023
8	Total dissolved solids, mg/l	Max. 500 / 2000	6.00	238.00	IS 3025 (P-16): 2023

Chemical Testing

(Clause 4, Table 2) General Parameters Concerning Substances Undesirable In E Amounts

Sr. No.	TEST NAME	SPECIFIED REQUIREMENT	LOQ	RESULTS	TEST METHOD
9	Aluminium (as Al), mg/l	Max. 0.03 / 0.2	0.025	BLQ	IS 3025 (P- 2): 2019
10	Ammonia (as total ammomia-N), mg/l	Max. 0.5 / No Relaxation	0.20	BLQ	IS 3025 (P- 34): 1988
11	Barium (as Ba), mg/l	Max. 0.7 / No Relaxation	0.10	BLQ	IS 3025 (P- 2): 2019
12	Boron (as B), mg/l	Max. 0.5 / 2.4	0.10	BLQ	IS 3025 (P- 2): 2019
13	Calcium (as Ca), mg/l	Max. 75 / 200	2.00	7.41	IS 3025 (P- 40): 2024
14	Chloramines (as Cl ₂), mg/l	Max. 4.0 / No Relaxation	1.00	BLQ	IS 3025 (P- 26): 2021
15	Chloride (as Cl), mg/l	Max. 250 / 1000	1.00	75.72	IS 3025 (P- 32): 1988
16	Copper (as Cu), mg/l	Max. 0.05 / 1.5	0.025	BLQ	IS 3025 (P- 2): 2019
17	Free residual chlorine, mg/l	Min. 0.2 / 1	0.10	BLQ	IS 3025 (P- 26): 2021
18	Iron (as Fe), mg/l	Max. 1.0 / No Relaxation	0.05	BLQ	IS 3025 (P-2): 2019
19	Magnesium (as Mg), mg/l	Max. 30 / 100	2.00	7.86	IS 3025 (P- 46): 2023
20	Manganese (as Mn), mg/l	Max. 0.1 / 0.3	0.05	BLQ	IS 3025 (P- 2): 2019
21	Phenolic compounds (as C ₆ H ₅ OH), mg/l	Max. 0.001 / 0.002	0.0005	BLQ	IS 3025 (P- 43/ sec-1): 2022
22	Mineral oil, mg/l	Max. 1.0 / No Relaxation	0.50	BLQ	IS 3025 (P-39): 2021
23	Selenium (as Se), mg/l	Max. 0.01 / No Relaxation	0.005	BLQ	IS 3025 (P- 2): 2019
24	Silver (as Ag), mg/l	Max. 0.1 / No Relaxation	0.005	BLQ	IS 3025 (P- 2): 2019
25	Sulphate (as SO ₄), mg/l	Max. 200 / 400	1.00	7.57	IS 3025 (P 24 /sec- 1): 2022
26	Sulphide (as H ₂ S), mg/l	Max. 0.05 / No Relaxation	0.05	BLQ	IS 3025 (P- 29): 2022
27	Total alkalinity as calcium carbonate, mg/l	Max. 200 / 600	5.00	49.85	IS 3025 (P- 23): 2023
28	Total hardness (as CaCO ₃), mg/l	Max. 200 / 600	4.00	50.82	IS 3025 (P-21): 2009
29	Zinc (as Zn), mg/l	Max. 5 / 15	0.50	BLQ	IS 3025 (P- 2): 2019

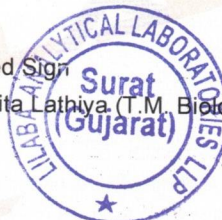
Chemical Testing

(Clause 4, Table 3) Parameters Concerning Toxic Substances

Sr. No.	TEST NAME	SPECIFIED REQUIREMENT	LOQ	RESULTS	TEST METHOD
30	Cadmium (as Cd), mg/l	Max. 0.003 / No Relaxation	0.001	BLQ	IS 3025 (P- 2): 2019
31	Lead (as Pb), mg/l	Max. 0.01 / No Relaxation	0.0075	BLQ	IS 3025 (P- 2): 2019
32	Mercury (as Hg), mg/l	Max. 0.001 / No Relaxation	0.0005	BLQ	USEPA 200.7 Rev 4.4: 1994

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Report No. LAL-WT-020125027

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ULR : TC717925000000105F

Page No. 3/5

33	Molybdenum (as Mo), mg/l	Max. 0.07 / No Relaxation	0.02	BLQ	IS 3025 (P- 2): 2019
34	Nickel (as Ni), mg/l	Max. 0.02 / No Relaxation	0.01	BLQ	IS 3025 (P- 2): 2019
35	Polychlorinated biphenyls, mg/l	Max. 0.0005 / No Relaxation	0.00005	BLQ	LAL/CHEM/SOP/WT/GC /2 Issue No : 01 (Ref. APHA 6431): 2015
36	Polynuclear aromatic hydrocarbons (as PAH), mg/l	Max. 0.0001 / No Relaxation	0.00005	BLQ	LAL/CHEM/SOP/WT/GC /2 Issue No : 01 (Ref. APHA 6440): 2015
37	Total arsenic (as As), mg/l	Max. 0.01 / No Relaxation	0.002	BLQ	IS 3025 (P- 2): 2019
38	Total chromium (as Cr), mg/l	Max. 0.05 / No relaxation	0.025	BLQ	IS 3025 (P- 2): 2019
39	Uranium, mg/l	Max. 0.03 / No Relaxation	0.001	BLQ	LAL/CHEM/SOP/WT/IC P/7: 2023 (Ref. IS 3025 Part- 65)

Chemical Testing**(Table 5) Pesticide Residues**

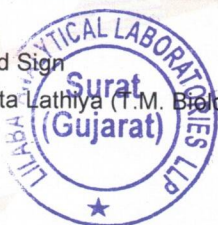
Sr. No.	TEST NAME	SPECIFIED REQUIREMENT	LOQ	RESULTS	TEST METHOD
40	p,p DDE, mg/l	Max. 0.001	0.00001	BLQ	LAL/CHEM/SOP/WT/GC /3 Issue No : 01 (Ref. USEPA 508): 2015
41	o,p DDE, mg/l	Max. 0.001	0.00001	BLQ	LAL/CHEM/SOP/WT/GC /3 Issue No : 01 (Ref. USEPA 508): 2015
42	o,p DDD, mg/l	Max. 0.001	0.00001	BLQ	LAL/CHEM/SOP/WT/GC /3 Issue No : 01 (Ref. USEPA 508): 2015
43	p,p DDD, mg/l	Max. 0.001	0.00001	BLQ	LAL/CHEM/SOP/WT/GC /3 Issue No : 01 (Ref. USEPA 508): 2015
44	p,p DDT, mg/l	Max. 0.001	0.00001	BLQ	LAL/CHEM/SOP/WT/GC /3 Issue No : 01 (Ref. USEPA 508): 2015
45	o,p DDT, mg/l	Max. 0.001	0.00001	BLQ	LAL/CHEM/SOP/WT/GC /3 Issue No : 01 (Ref. USEPA 508): 2015
46	Lindane (gamma HCH) , mg/l	Max. 0.002	0.00001	BLQ	LAL/CHEM/SOP/WT/GC /3 Issue No : 01 (Ref. USEPA 508): 2015
47	Alpha HCH, mg/l	Max. 0.00001	0.00001	BLQ	LAL/CHEM/SOP/WT/GC /3 Issue No : 01 (Ref. USEPA 508): 2015
48	Beta HCH, mg/l	Max. 0.00004	0.00001	BLQ	LAL/CHEM/SOP/WT/GC /3 Issue No : 01 (Ref. USEPA 508): 2015

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Page No. 4/5

					USEPA 508): 2015
49	Delta HCH, mg/l	Max. 0.00004	0.00001	BLQ	LAL/CHEM/SOP/WT/GC /3 Issue No : 01 (Ref. USEPA 508): 2015
50	Alpha endosulfan, mg/l	Max. 0.0004	0.00001	BLQ	LAL/CHEM/SOP/WT/GC /3 Issue No : 01 (Ref. USEPA 508): 2015
51	Beta endosulfan, mg/l	Max. 0.0004	0.00001	BLQ	LAL/CHEM/SOP/WT/GC /3 Issue No : 01 (Ref. USEPA 508): 2015
52	Endosulfan sulphate, mg/l	Max. 0.0004	0.00001	BLQ	LAL/CHEM/SOP/WT/GC /3 Issue No : 01 (Ref. USEPA 508): 2015
53	Monocrotophos, mg/l	Max. 0.001	0.00004	BLQ	LAL/CHEM/SOP/WT/GC /3 Issue No : 01 (Ref. USEPA 8141A): 2015
54	Ethion, mg/l	Max. 0.003	0.00004	BLQ	LAL/CHEM/SOP/WT/GC /3 Issue No : 01 (Ref. USEPA 508): 2015
55	Chlorpyrifos, mg/l	Max. 0.03	0.00004	BLQ	LAL/CHEM/SOP/WT/GC /3 Issue No : 01 (Ref. USEPA 525.2, 8141A): 2015
56	Phorate, mg/l	Max. 0.002	0.00004	BLQ	LAL/CHEM/SOP/WT/GC /3 Issue No : 01 (Ref. USEPA 8141A): 2015
57	2,4 - Dichlorophenoxyacetic Acid, mg/l	Max. 0.03	0.00001	BLQ	LAL/CHEM/SOP/WT/LC MS/01: 2023
58	Butachlor, mg/l	Max. 0.125	0.00004	BLQ	LAL/CHEM/SOP/WT/GC /3 Issue No : 01 (Ref. USEPA 525.2): 2015
59	Isoproturon, mg/l	Max. 0.009	0.00001	BLQ	LAL/CHEM/SOP/WT/LC MS/01: 2023
60	Alachlor, mg/l	Max. 0.02	0.00004	BLQ	LAL/CHEM/SOP/WT/GC /3 Issue No : 01 (Ref. USEPA 525.2): 2015
61	Atrazine, mg/l	Max. 0.002	0.00004	BLQ	LAL/CHEM/SOP/WT/GC /3 Issue No : 01 (Ref. USEPA 525.2): 2015
62	Methyl parathion, mg/l	Max. 0.0003	0.00004	BLQ	LAL/CHEM/SOP/WT/GC /3 Issue No : 01 (Ref. USEPA 8141A): 2015
63	Malathion, mg/l	Max. 0.190	0.00004	BLQ	LAL/CHEM/SOP/WT/GC /3 Issue No : 01 (Ref.

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Page No. 5/5

64	Aldrin, mg/l	Max. 0.00003	0.00001	BLQ	USEPA 8141A): 2015 LAL/CHEM/SOP/WT/GC /3 Issue No : 01 (Ref. USEPA 525.2): 2015
65	Dieldrin, mg/l	Max. 0.00003	0.00001	BLQ	LAL/CHEM/SOP/WT/GC /3 Issue No : 01 (Ref. USEPA 525.2): 2015

REMARKS :

Tested Sample complies to IS 10500 for tested parameters only & fit for human consumption

NOTE :

Please Refer Overleaf

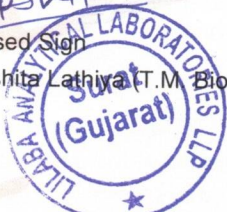
END OF THE TEST REPORT

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Report No. LAL-WT-020125027-N

TEST REPORT

Page No. 1/2

Issued To:	Sample Code :	WT-020125027-N
V Royal Enterprises	Issue Date :	10/01/2025
Out Side Jassusargate, Bikaner- 334001 (Raj.)	Your ref. :	--

PART A : PARTICULARS OF SAMPLES

1. Date of Receipt	: 02/01/2025	19. Batch No./Lot No	: N.M
2. Analysis starting Date	: 03/01/2025	20. Date of Mfg.	: N.M.
3. Analysis completion Date	: 09/01/2025	21. Date of Expiry	: N.M
4. Sample Drawn By	: Lab. Rep. Mr.Varun	22. Brand Name, If Any	: N.M
5. Sampling Method	: LAL/CHEM/SOP/GEN/20	23. BIS Seal	: Not Applicable
6. Sampling Location	: LAL/QF/7.3/01	24. IO's Signature	: Not Applicable
7. Temp. at the time of Sampling	: LAL/QF/7.3/01		
8. Group Name	: Drinking Water. With Amendment No-4		
9. Sample Name	: Alkaline Water		
10. Description of the Sample	: --		
11. Sample Condition	: Received in Good Condition		
12. Temp. at the time of Sample Receipt	: N.A.		
13. Test Report As Per	: IS 10500 : 2012 With Amendment No-4		
14. Sample Qty.Received	: 14		
15. Any Other Information	: --		
16. Declared Value if any	: N.A.		
17. Grade/Variety/Type/Class/Size/etc	: 1 Ltr PET Bottle		
18. Mode Of Packing	: Packed in Box		

PART B : TEST RESULTS

Water

Chemical Testing

(Clause 4, Table 2) General Parameters Concerning Substances Undesirable In E Amounts

Sr. No.	TEST NAME	SPECIFIED REQUIREMENT	LOQ	RESULTS	TEST METHOD
1	Anionic detergents (as MBAS), mg/l	Max. .0.2 / 1.0	0.10	BLQ	IS 3025 (P-68): 2019
2	Fluoride (as F), mg/l	Max. 1.0 / 1.5	0.10	BLQ	IS 3025 (P- 60/Sec 1): 2023
3	Nitrate (as NO3), mg/l	Max. 45 / No Relaxation	1.00	4.79	IS 3025 (P- 34/Sec 1): 2023

Chemical Testing

(Clause 4, Table 3) Parameters Concerning Toxic Substances

Sr. No.	TEST NAME	SPECIFIED REQUIREMENT	LOQ	RESULTS	TEST METHOD
4	Cyanide (as CN), mg/l	Max. 0.05 / No Relaxation	0.02	BLQ	IS 3025 (P- 27/Sec 1): 2023

Reviewed By

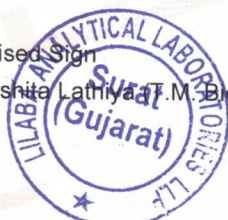
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Page No. 2/2

REMARKS :

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NOTE :

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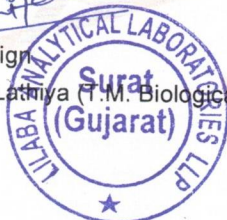
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