

To
M/s MADHAV KRG HRC PVT LTD,
VILLAGE AKALGARH, NEAR TOLL PLAZA, AMLOH
BHADSON ROAD, BHADALTHUHA, PATIALA, PUNJAB-147203

Report No.	RBEL/2605/095G	Report Date	19.05.2026
Your Ref. No.	Nil	Type of sample	Borewell Water
Sample Code Given by Customer	Borewell-2	Quantity	05 LITER
		Date of sampling	13.05.2026
Sampling Location	Nil	Date of sample receipt	14.05.2026
Sample Collected By	Lab Person	Sample I.D.	RBEL/2605/095G
Sampling procedure	As per SOP	Date of test	14.05.2026-19.05.2026

S. No.	Parameters	Results	Limits of IS: 10500 – 2012 (Amendment no. 1, June 2015)		Test method
			Requirement (Acceptable Limit)	Permissible limit in absence of alternate source	
1	pH	7.45	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2002
2	Total Dissolved Solids mg/l Max	358	500	2000	IS 3025 (Part-16): 2002
3	Alkalinity (as CaCO ₃) mg/l ,Max	60	200	600	IS 3025 (Part-23): 2003
4	Chloride (as Cl ⁻) mg/l, Max	39	250	1594	IS 3025 (Part-32): 2007
5	Sulphate (as SO ₄) mg/l, Max	30.4	200	400	IS 3025 (Part-24): 2003
6	Calcium (as Ca) mg/l Max	40	75	200	IS 3025 (Part-40): 2002
7	Magnesium (as Mg) mg/l, Max	25	30	100	IS 3025 (Part-46): 2003
8	Total Hardness(as CaCO ₃) mg/l, Max	190	200	600	IS 3025 (Part-21) : 2009
9	Sodium (as Na) mg/l Max	55	-	-	IS 3025 (Part-45): 2003
10	Potassium (as K) mg/l Max	07	-	-	IS 3025 (Part-45): 2003
11	Nitrate (as NO ₃) mg/l, Max	24.6	45	No relaxation	IS 3025 (Part-34): 2003
12	Fluoride (as F) mg/l Max	0.7	1.0	1.5	APHA 4500F (D): 2017
13	Color, Hazen unit, max	<1	5	25	IS 3025 (Part-4) : 1983
14	Odor	Agreeable	Agreeable	-----	IS 3025 (Part-5) : 2002
15	Turbidity, NTU max	<1	5	10	IS 3025 (Part-10) : 2002
16	Taste	Agreeable	Agreeable	-----	IS 3025 (Part -8) : 2002
17	Iron (as Fe) mg/l Max	0.25	1.0	No relaxation	IS 3025 (Part-53): 2003
18	Boron (as B) mg/l Max	ND	0.5	1.0	IS 3025 (Part-57): 2005
19	Manganese (as Mn) mg/l Max	ND	0.1	0.3	IS 3025 (Part-59): 2006
20	Zinc (as Zn) mg/l Max	2.4	5	15	IS 3025 (Part-49): 1994
21	Copper (as Cu) mg/l Max	ND	0.05	1.5	IS 3025 (Part-42): 1992
22	Cadmium (as Cd) mg/l Max	ND	0.003	No relaxation	IS 3025 (Part-41): 1992
23	Lead (as Pb) mg/l Max	ND	0.01	No relaxation	IS 3025 (Part-47): 1994
24	Arsenic (as As) mg/l	ND	0.01	No relaxation	IS 3025 (Part-37): 1988
25	Chromium (as Cr) mg/l Max	ND	0.05	No relaxation	IS 3025 (Part-52): 2003
26	Sulphide (as H ₂ S), mg/l, Max	ND	0.05	No relaxation	APHA 23 rd Edition 2017-4500 D

Bacteriological examination:-

S. NO.	PARAMETERS	TEST RESULTS	LIMIT	TEST METHOD
1	E.coli/100ml	ABSENT	ABSENT	IS 5887 (Part-1): 2005
2	Coliform /100ml	ABSENT	ABSENT	IS 1622: 2003

Note: ND Denotes Not Detectable

1. The test report refers only to tested sample and applicable parameters.
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3. The sample will be destroyed after fifteen days from the date of issue of test report unless otherwise specified.

(Authorized Signatory)

Ed of Report

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VILLAGE AKALGARH, NEAR TOLL PLAZA, AMLOH
BHADSON ROAD, BHADALTHUHA, PATIALA, PUNJAB-147203

Report No.	RBEL/2605/095H	Report Date	19.05.2026
Your Ref. No.	Nil	Type of sample	Borewell Water
Sample Code Given by Customer	Borewell-1	Quantity	05 LITER
		Date of sampling	13.05.2026
Sampling Location	Nil	Date of sample receipt	14.05.2026
Sample Collected By	Lab Person	Sample I.D.	RBEL/2605/095H
Sampling procedure	As per SOP	Date of test	14.05.2026-19.05.2026

S. No.	Parameters	Results	Limits of IS: 10500 – 2012 (Amendment no. 1, June 2015)		Test method
			Requirement (Acceptable Limit)	Permissible limit in absence of alternate source	
1	pH	7.80	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2002
2	Total Dissolved Solids mg/l Max	372	500	2000	IS 3025 (Part-16): 2002
3	Alkalinity (as CaCO ₃) mg/l ,Max	56	200	600	IS 3025 (Part-23): 2003
4	Chloride (as Cl ⁻) mg/l, Max	62	250	1594	IS 3025 (Part-32): 2007
5	Sulphate (as SO ₄) mg/l, Max	21.7	200	400	IS 3025 (Part-24): 2003
6	Calcium (as Ca) mg/l Max	51	75	200	IS 3025 (Part-40): 2002
7	Magnesium (as Mg) mg/l, Max	19.5	30	100	IS 3025 (Part-46): 2003
8	Total Hardness(as CaCO ₃) mg/l, Max	198	200	600	IS 3025 (Part-21) : 2009
9	Sodium (as Na) mg/l Max	66	-	-	IS 3025 (Part-45): 2003
10	Potassium (as K) mg/l Max	05	-	-	IS 3025 (Part-45): 2003
11	Nitrate (as NO ₃) mg/l, Max	27.8	45	No relaxation	IS 3025 (Part-34): 2003
12	Fluoride (as F) mg/l Max	0.5	1.0	1.5	APHA 4500F (D): 2017
13	Colour, Hazen unit, max	<1	5	25	IS 3025 (Part-4) : 1983
14	Odour	Agreeable	Agreeable	-----	IS 3025 (Part-5) : 2002
15	Turbidity, NTU max	<1	5	10	IS 3025 (Part-10) : 2002
16	Taste	Agreeable	Agreeable	-----	IS 3025 (Part-8) : 2002
17	Iron (as Fe) mg/l Max	0.42	1.0	No relaxation	IS 3025 (Part-53): 2003
18	Boron (as B) mg/l Max	ND	0.5	1.0	IS 3025 (Part-57): 2005
19	Manganese (as Mn) mg/l Max	ND	0.1	0.3	IS 3025 (Part-59): 2006
20	Zinc (as Zn) mg/l Max	2.5	5	15	IS 3025 (Part-49): 1994
21	Copper (as Cu) mg/l Max	ND	0.05	1.5	IS 3025 (Part-42): 1992
22	Cadmium (as Cd) mg/l Max	ND	0.003	No relaxation	IS 3025 (Part-41): 1992
23	Lead (as Pb) mg/l Max	ND	0.01	No relaxation	IS 3025 (Part-47): 1994
24	Arsenic (as As) mg/l	ND	0.01	No relaxation	IS 3025 (Part-37): 1988
25	Chromium (as Cr) mg/l Max	ND	0.05	No relaxation	IS 3025 (Part-52): 2003
26	Sulphide (as H ₂ S), mg/l, Max	ND	0.05	No relaxation	APHA 23 rd Edition 2017-4500 D

Bacteriological examination:-

S. NO.	PARAMETERS	TEST RESULTS	LIMIT	TEST METHOD
1	E.coli/100ml	ABSENT	ABSENT	IS 5887 (Part-1): 2005
2	Coliform /100ml	ABSENT	ABSENT	IS 1622: 2003

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BHADSON ROAD, BHADALTHUHA, PATIALA, PUNJAB-147203

Report No.	RBEL/2605/0951	Report Date	19.05.2026
Your Ref. No.	Nil	Type of sample	Borewell Water
Sample Code Given by Customer	Borewell-3	Quantity	05 LITER
Sampling Location	Nil	Date of sampling	13.05.2026
Sample Collected By	Lab Person	Date of sample receipt	14.05.2026
Sampling procedure	As per SOP	Sample I.D.	RBEL/2605/0951
		Date of test	14.05.2026-19.05.2026

S. No.	Parameters	Results	Limits of IS: 10500 – 2012 (Amendment no. 1, June 2015)		Test method
			Requirement (Acceptable Limit)	Permissible limit in absence of alternate source	
1	pH	7.98	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2002
2	Total Dissolved Solids mg/l Max	360	500	2000	IS 3025 (Part-16): 2002
3	Alkalinity (as CaCO ₃) mg/l, Max	42	200	600	IS 3025 (Part-23): 2003
4	Chloride (as Cl), mg/l, Max	48.2	250	1594	IS 3025 (Part-32): 2007
5	Sulphate (as SO ₄) mg/l, Max	33.6	200	400	IS 3025 (Part-24): 2003
6	Calcium (as Ca) mg/l Max	43	75	200	IS 3025 (Part-40): 2002
7	Magnesium (as Mg) mg/l, Max	19.6	30	100	IS 3025 (Part-46): 2003
8	Total Hardness(as CaCO ₃) mg/l, Max	192	200	600	IS 3025 (Part-21) : 2009
9	Sodium (as Na) mg/l Max	72	-	-	IS 3025 (Part-45): 2003
10	Potassium (as K) mg/l Max	06	-	-	IS 3025 (Part-45): 2003
11	Nitrate (as NO ₃) mg/l, Max	29.5	45	No relaxation	IS 3025 (Part-34): 2003
12	Fluoride (as F) mg/l Max	0.6	1.0	1.5	APHA 4500F (D): 2017
13	Colour, Hazen unit, max	<1	5	25	IS 3025 (Part-4) : 1983
14	Odour	Agreeable	Agreeable	-----	IS 3025 (Part-5) : 2002
15	Turbidity, NTU max	<1	5	10	IS 3025 (Part-10) : 2002
16	Taste	Agreeable	Agreeable	-----	IS 3025 (Part-8) : 2002
17	Iron (as Fe) mg/l Max	0.4	1.0	No relaxation	IS 3025 (Part-53): 2003
18	Boron (as B) mg/l Max	ND	0.5	1.0	IS 3025 (Part-57): 2005
19	Manganese (as Mn) mg/l Max	ND	0.1	0.3	IS 3025 (Part-59): 2006
20	Zinc (as Zn) mg/l Max	2.7	5	15	IS 3025 (Part-49): 1994
21	Copper (as Cu) mg/l Max	ND	0.05	1.5	IS 3025 (Part-42): 1992
22	Cadmium (as Cd) mg/l Max	ND	0.003	No relaxation	IS 3025 (Part-41): 1992
23	Lead (as Pb) mg/l Max	ND	0.01	No relaxation	IS 3025 (Part-47): 1994
24	Arsenic (as As) mg/l	ND	0.01	No relaxation	IS 3025 (Part-37): 1988
25	Chromium (as Cr) mg/l Max	ND	0.05	No relaxation	IS 3025 (Part-52): 2003
26	Sulphide (as H ₂ S), mg/l, Max	ND	0.05	No relaxation	APHA 23 rd Edition 2017-4500 D

Bacteriological examination:-

S. NO.	PARAMETERS	TEST RESULTS	LIMIT	TEST METHOD
1	E. coli/100ml	ABSENT	ABSENT	IS 5887 (Part-1): 2005
2	Coliform /100ml	ABSENT	ABSENT	IS 1622: 2003

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Report No.	RBEL/2605/095J	Report Date	19.05.2026
Your Ref. No.	Nil	Type of sample	Borewell Water
Sample Code Given by Customer	Borewell-4	Quantity	05 LITER
		Date of sampling	13.05.2026
Sampling Location	Nil	Date of sample receipt	14.05.2026
Sample Collected By	Lab Person	Sample I.D.	RBEL/2605/095J
Sampling procedure	As per SOP	Date of test	14.05.2026-19.05.2026

S. No.	Parameters	Results	Limits of IS: 10500 – 2012 (Amendment no. 1, June 2015)		Test method
			Requirement (Acceptable Limit)	Permissible limit in absence of alternate source	
1	pH	7.62	6.5 – 8.5	No relaxation	IS 3025 (Part-11) : 2002
2	Total Dissolved Solids mg/l Max	439	500	2000	IS 3025 (Part-16): 2002
3	Alkalinity (as CaCO ₃) mg/l ,Max	60	200	600	IS 3025 (Part-23): 2003
4	Chloride (as Cl), mg/l, Max	75	250	1594	IS 3025 (Part-32): 2007
5	Sulphate (as SO ₄) mg/l, Max	40.8	200	400	IS 3025 (Part-24): 2003
6	Calcium (as Ca) mg/l Max	48	75	200	IS 3025 (Part-40): 2002
7	Magnesium (as Mg) mg/l, Max	21.6	30	100	IS 3025 (Part-46): 2003
8	Total Hardness(as CaCO ₃) mg/l, Max	196	200	600	IS 3025 (Part-21) : 2009
9	Sodium (as Na) mg/l Max	88	-	-	IS 3025 (Part-45): 2003
10	Potassium (as K) mg/l Max	15	-	-	IS 3025 (Part-45): 2003
11	Nitrate (as NO ₃) mg/l, Max	36.8	45	No relaxation	IS 3025 (Part-34): 2003
12	Fluoride (as F) mg/l Max	0.7	1.0	1.5	APHA 4500F (D): 2017
13	Colour, Hazen unit, max	<1	5	25	IS 3025 (Part-4) : 1983
14	Odour	Agreeable	Agreeable	-----	IS 3025 (Part-5) : 2002
15	Turbidity, NTU max	<1	5	10	IS 3025 (Part-10) : 2002
16	Taste	Agreeable	Agreeable	-----	IS 3025 (Part -8) : 2002
17	Iron (as Fe) mg/l Max	0.7	1.0	No relaxation	IS 3025 (Part-53): 2003
18	Boron (as B) mg/l Max	ND	0.5	1.0	IS 3025 (Part-57): 2005
19	Manganese (as Mn) mg/l Max	ND	0.1	0.3	IS 3025 (Part-59): 2006
20	Zinc (as Zn) mg/l Max	2.9	5	15	IS 3025 (Part-49): 1994
21	Copper (as Cu) mg/l Max	ND	0.05	1.5	IS 3025 (Part-42): 1992
22	Cadmium (as Cd) mg/l Max	ND	0.003	No relaxation	IS 3025 (Part-41): 1992
23	Lead (as Pb) mg/l Max	ND	0.01	No relaxation	IS 3025 (Part-47): 1994
24	Arsenic (as As) mg/l	ND	0.01	No relaxation	IS 3025 (Part-37): 1988
25	Chromium (as Cr) mg/l Max	ND	0.05	No relaxation	IS 3025 (Part-52): 2003
26	Sulphide (as H ₂ S), mg/l, Max	ND	0.05	No relaxation	APHA 23 rd Edition 2017-4500 D

Bacteriological examination:-

S. NO.	PARAMETERS	TEST RESULTS	LIMIT	TEST METHOD
1	E.coli/100ml	ABSENT	ABSENT	IS 5887 (Part-1): 2005
2	Coliform /100ml	ABSENT	ABSENT	IS 1622: 2003

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