



NOIDA TESTING LABORATORIES

(A Government Approved Testing Laboratory)

(An ISO : 9001 : 2015, 14001 : 2015 & ISO 45001 : 2018 & NABL Accredited Laboratory)

MoEF & CC (Ministry of Environment, Forest & Climate Change), UPPCB & HSPCB Recognized Laboratory

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Analyzing for an Assured Future

TEST CERTIFICATE

TEST REPORT

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To
M/s Madhav KRG Limited.,
(Previously Known as Madhav alloys Pvt. Ltd.)
Village- Akalgarh, Mandi, Gobindgarh (Pb).

Report No.	W-130421-31	Report Date	20.04.2021
Your Ref. No.	Nil	Type of sample	Borewell Water
Sample Code Given by Customer	Borewell-2	Quantity	05 LITER
		Date of sampling	12.04.2021
Sampling Location	Nil	Date of sample receipt	13.04.2021
Sample Collected By	Lab Person	Sample I.D.	Nil
Sampling procedure	As per SOP	Date of test	13.04.2021-20.04.2021

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	7.77	6.5 – 8.5	No relaxation	APHA 23 rd Edition:2017 -4500- B
2	Total Dissolved Solids mg/l Max	394	500	2000	APHA 23 rd Edition:2017 -2540 C
3	Alkalinity (as CaCO ₃)mg/l,Max	327	200	600	APHA 23 rd Edition:2017-2320 B
4	Chloride (as Cl) ,mg/l, Max	22	250	1594	APHA 23 rd Edition:2017 -4500- B
5	Sulphate (as SO ₄) mg/l, Max	16	200	400	APHA 23 rd Edition 2017-4500 E
6	Calcium (as Ca) mg/l Max	33	75	200	APHA 23 rd Edition:2017 -3500- B
7	Magnesium (as Mg) mg/l, Max	22	30	100	APHA 23 rd Edition:2017 -3500- B
8	Total Hardness(as CaCO ₃) mg/l, Max	176	200	600	APHA 23 rd Edition:2017 -2340 C
9	Sodium (as Na) mg/l Max	86	-	-	APHA 23 rd Edition 2017-3500 B
10	Potassium (as K) mg/l Max	3.7	-	-	APHA 23 rd Edition 2017-3500 B
11	Nitrate (as NO ₃) mg/l, Max	5.08	45	No relaxation	APHA 23 rd Edition:2017 -4500- B
12	Fluoride (as F) mg/l Max	0.04	1.0	1.5	APHA 23 rd Edition:2017 -4500- D
13	Colour, Hazen unit, max	<1	5	25	APHA 23 rd Edition:2017-2120B
14	Odour	Agreeable	Agreeable	-----	APHA 23 rd Edition:2017-2150
15	Turbidity, NTU max	<1	5	10	APHA 23 rd Edition 2017 2130 B
16	Taste	Agreeable	Agreeable	-----	APHA 23 rd Edition:2012-2160
17	Iron (as Fe) mg/l Max	0.3	1.0	No relaxation	APHA 23 rd Edition 2017-3500 B
18	Boron (as B) mg/l Max	ND	0.5	1.0	APHA 23 rd Edition 2017-4500 B B
19	Manganese (as Mn) mg/l Max	0.04	0.1	0.3	APHA 23 rd Edition 2017-3111 B
20	Zinc (as Zn) mg/l Max	1.5	5	15	APHA 23 rd Edition 2017-3111 B
21	Copper (as Cu) mg/l Max	ND	0.05	1.5	APHA 23 rd Edition 2017-3111 B
22	Cadmium (as Cd) mg/l Max	ND	0.003	No relaxation	APHA 23 rd Edition 2017-3111 B
23	Lead (as Pb) mg/l Max	ND	0.01	No relaxation	APHA 23 rd Edition 2017-3111 B
24	Arsenic (as As) mg/l	ND	0.01	No relaxation	APHA 23 rd Edition 2017-3114 B
25	Chromium (as Cr) mg/l Max	ND	0.05	No relaxation	APHA 23 rd Edition 2017-3111 B
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 15185 2016
2	Coliform /100ml	ABSENT	ABSENT	IS 15185 2016

Note: ND Denotes Not Detectable

1. The test report refers only to tested sample and applicable parameters.
2. This report can neither be used as evidence in the court of law nor can it be used in part or full in any media without prior permission.
3. The sample will be destroyed after thirty days from the date of issue of test report unless otherwise specified.

Checked By

End of Report

(Authorized Signatory)



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