



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

+91-9313611642, 8510081921, 7503031145, 8527870572, 7503031146, 9999794369

Analyzing for an Assured Future

TEST CERTIFICATE

Test Report of	Report Code	Date of Issue
R.O. Water	W-130321-06	25/03/2021

Issued To: **MS Lalitpur Power Generation Company Limited**
Village- Mirchwara and Burogaon, Tehsil- Mahroni, Lalitpur-284123 (U.P)
India

SAMPLING & ANALYSIS DATA

Sample Received on : 13/03/2021
Sample Drawn By : Mr. Umashankar Sharma (NTL)
Sample Drawn On : 12/03/2021
Sample Quantity : 2.0 Lt.
Analysis Duration : 13/03/2021 To 25/03/2021
Sample Description : R.O Water collected from Admin Water cooler

MICROBIOLOGICAL REQUIREMENT RESULTS

S.No.	Parameter	Test Method	Results	Required as per IS-10500:2012
1.	<i>Escherichia coli</i>	IS-1622	Absent	Absent/100ml
2.	<i>Coliform Bacteria</i>	IS-1622	Absent	Absent/100ml

ORGANOLEPTIC & PHYSICAL PARAMETERS

S.NO.	Parameter	Test method	Result	Unit	Requirement (Acceptable Limit)	Permissible Limit in absence of alternate source
1.	Colour	IS-3025(P-04)	Colorless	-	-	-
2.	Odour	IS-3025(P-05)	Agreeable	-	Agreeable	Agreeable
3.	Taste	IS-3025(P-07 & 08)	Agreeable	-	Agreeable	-
4.	Turbidity	IS-3025(P-10)	<1.0	NTU	1	5
5.	pH value	IS-3025(P-04)	7.58	-	6.5-8.5	-
6.	Total Dissolve Solid (TDS)	IS-3025(P-16)	188	mg/l	500	2000

Contd. To report Code W-130321-06(Page 1 of 3)

Laboratory : GT-20, Sector-117, Noida Gautam Budh Nagar - 201301

Branch Office : IP-2, Haridwar, Uttrakhand

Branch Office : Gayatri Nagar, Katgodam, Haldwani, Uttrakhand

E. : noida.laboratory@gmail.com, info@noidalabs.com W.: www.noidalabs.com



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

+91-9313611642, 8510081921, 7503031145, 8527870572, 7503031146, 9999794369

Analyzing for an Assured
Future

TEST CERTIFICATE

GENERAL PARAMETERS CONCERNING SUBSTANCES UNDESIRABLE IN EXCESSIVE AMOUNTS

S.NO.	Parameter	Test method	Result	Unit	Requirement (Acceptable Limit)	Permissible Limit in absence of alternate source
1.	Aluminum (as Al)	IS: 3025 (P- 55)	BDL	mg/l	0.03	0.2
2.	Total Ammonia	IS: 3025 (P- 34)	BDL	mg/l	0.5	No Relaxation
3.	Anionic surface Detergents(as MBAS)	Annex K of IS-13428	BDL	mg/l	0.2	1.0
4.	Barium (as Ba)	IS: 15302	BDL	mg/l	0.7	No Relaxation
5.	Boron (as B)	IS: 3025 (P- 57)	BDL	mg/l	0.5	1.0
6.	Calcium (as Ca)	IS: 3025 (P- 40)	29.65	mg/l	75	200
7.	Chloramines (as Cl ₂)	IS: 3025 (P- 26)	BDL	mg/l	4.0	No Relaxation
8.	Chloride (as Cl)	IS: 3025 (P- 32)	23.48	mg/l	250	1000
9.	Copper (as Cu)	IS : 3025 (P-42)	BDL	mg/l	0.05	1.5
10.	Fluoride (as F)	IS: 3025 (P-60)	<0.1	mg/l	1.0	1.5
11.	Free Residual Chlorine	IS: 3025 (P-26)	BDL	mg/l	0.2	1.0
12.	Iron (as Fe)	IS: 3025(P-53)	<0.05	mg/l	0.3	No Relaxation
13.	Magnesium (as Mg)	IS: 3025 (P-46)	12.88	mg/l	30	100
14.	Manganese (as Mn)	Clause 35 of IS 3025	BDL	mg/l	0.1	0.3
15.	Mineral Oil	Clause 6 of IS: 3025	BDL	mg/l	0.5	No Relaxation
16.	Nitrate (as NO ₃)	IS: 3025 (P- 34)	<1.0	mg/l	45	No Relaxation
17.	Selenium (as Se)	IS: 3025 (P- 56)	BDL	mg/l	0.01	No Relaxation
18.	Silver (as Ag)	Annex J IS: 13428	BDL	mg/l	0.1	No Relaxation
19.	Sulphate (as SO ₄)	IS: 3025 (P- 24)	6.73	mg/l	200	400
20.	Sulphide(as H ₂ S)	IS-3025 (P-29)	BDL	mg/l	0.05	No Relaxation
21.	Alkalinity (as Ca CO ₃)	IS: 3025 (P- 23)	136	mg/l	200	600
22.	Total Hardness (as CaCO ₃)	IS: 3025 (P- 23)	127	mg/l	200	600
23.	Zinc (as Zn)	IS: 3025 (P- 49)	BDL	mg/l	5.0	15

Contd. To report Code W-130321-06(Page 2 of 3)

Laboratory : GT-20, Sector-117, Noida Gautam Budh Nagar - 201301

Branch Office : IP-2, Haridwar, Uttrakhand

Branch Office : Gayatri Nagar, Katgodam, Haldwani, Uttrakhand

E. : noida.laboratory@gmail.com, info@noidalabs.com W.: www.noidalabs.com



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

+91-9313611642, 8510081921, 7503031145, 8527870572, 7503031146, 9999794369

Analyzing for an Assured Future

TEST CERTIFICATE

Contd. To report Code W-130321-06(Page 3 of 3)

Parameters Concerning Toxic Substances:

S.NO.	Parameter	Test method	Result	Unit	Requirement (Acceptable Limit)	Permissible Limit in absence of alternate source
1.	Cadmium (as Cd)	IS-3025(P-41)	BDL	mg/l	0.003	No Relaxation
2.	Cyanide (as CN)	IS-3025(P-27)	BDL	mg/l	0.05	No Relaxation
3.	Lead (as Pb)	IS-3025(P-47)	BDL	mg/l	0.01	No Relaxation
4.	Mercury (as Hg)	IS-3025(P-48)	BDL	mg/l	0.001	No Relaxation
5.	Molybdenum (Mo)	IS-3025(P-2)	BDL	mg/l	0.07	No Relaxation
6.	Nickel (as Ni)	Annex L of IS-13428	BDL	mg/l	0.02	No Relaxation
7.	Poly nuclear Aromatic	APHA 6440	BDL	mg/l	0.0001	No Relaxation
8	Poly chlorinated biphenyl	APHA 6630	BDL	mg/l	0.0005	No Relaxation
9.	Arsenic (as As)	IS-3025(P-37)	BDL	mg/l	0.01	0.05
10.	Total Chromium (as Cr)	Annex J of IS-13428	BDL	mg/l	0.05	No Relaxation

Remarks: Based on above tested parameter, water sample meet as per IS-10500:2012 in acceptable limit. Water is fit for drinking purpose.

BDL: Below Detection limit.

Notes:

1. The results given above are related to the tested sample, as received & mentioned parameters. The customer asked for the above tests only.
2. Responsibility of the Laboratory is limited to the invoiced amount only.
3. This test report will not be generated again, either wholly or in part, without prior written permission of the laboratory.
4. This test report will not be used for any publicity/legal purpose.
5. The test samples will be disposed off after two weeks from the date of issue of test report, unless until specified by the customer.

CHECKED BY

AUTHORIZED SIGNATORY



Laboratory : GT-20, Sector-117, Noida Gautam Budh Nagar - 201301

Branch Office : IP-2, Haridwar, Uttrakhand

Branch Office : Gayatri Nagar, Katgodam, Haldwani, Uttrakhand

E. : noida.laboratory@gmail.com, info@noidalabs.com W.: www.noidalabs.com



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

+91-9313611642, 8510081921, 7503031145, 8527870572, 7503031146, 9999794369

Analyzing for an Assured
Future

TEST CERTIFICATE

Test Report of	Report Code	Date of Issue
R.O. Water	W-130321-05	25/03/2021

Issued To: MS Lalitpur Power Generation Company Limited
Village- Mirchwara and Burogaon, Tehsil- Mahroni, Lalitpur-284123 (U.P)
India

SAMPLING & ANALYSIS DATA

Sample Received on : 13/03/2021
Sample Drawn By : Mr. Umashankar Sharma (NTL)
Sample Drawn On : 12/03/2021
Sample Quantity : 2.0 Lt.
Analysis Duration : 13/03/2021 To 25/03/2021
Sample Description : Permanent Hostel R.O. Water

MICROBIOLOGICAL REQUIREMENT RESULTS

S.No.	Parameter	Test Method	Results	Required as per IS-10500:2012
1.	<i>Escherichia coli</i>	IS-1622	Absent	Absent/100ml
2.	<i>Coliform Bacteria</i>	IS-1622	Absent	Absent/100ml

ORGANOLEPTIC & PHYSICAL PARAMETERS

S.NO.	Parameter	Test method	Result	Unit	Requirement (Acceptable Limit)	Permissible Limit in absence of alternate source
1.	Colour	IS-3025(P-04)	Colorless	-	-	-
2.	Odour	IS-3025(P-05)	Agreeable	-	Agreeable	Agreeable
3.	Taste	IS-3025(P-07 & 08)	Agreeable	-	Agreeable	-
4.	Turbidity	IS-3025(P-10)	<1.0	NTU	1	5
5.	pH value	IS-3025(P-04)	7.48	-	6.5-8.5	-
6.	Total Dissolve Solid (TDS)	IS-3025(P-16)	94.0	mg/l	500	2000

Contd. To report Code W-130321-05(Page 1 of 3)

Laboratory : GT-20, Sector-117, Noida Gautam Budh Nagar - 201301

Branch Office : IP-2, Haridwar, Uttrakhand

Branch Office : Gayatri Nagar, Katgodam, Haldwani, Uttrakhand

E. : noida.laboratory@gmail.com, info@noidalabs.com **W.:** www.noidalabs.com