



असम ऑयल डिवीजन
Assam Oil Division

इंडियन ऑयल कॉर्पोरेशन लिमिटेड
ए.ओ.डी. - डिगबोई रिफाइनरी
पो.ओ. डिगबोई, पिन-786171, असम

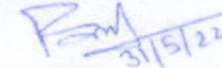
Indian Oil Corporation Limited
AOD - Digboi Refinery
P.O. Digboi, PIN: 786171, Assam
Tel. : 03751-262000
Fax : 03751-269015
Website : www.iocl.com
E-mail : aoddigboi@indianoil.in



TO WHOM IT MAY CONCERN

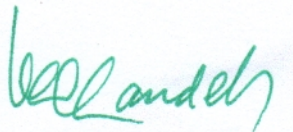
Drinking water used in DPS, Digboi is supplied from treated surface water by IOCL, Digboi Refinery. The supplied water is of Potable grade drinking water and it is tested in NABL accredited laboratory. This is certified that the supplied water is safe for Human Consumption.

Thanking you
For & on behalf of
IOCL-Digboi Refinery


31/5/22
(B C Das)

Chief Power & Utility Manager

बी. सी. दास / B. C. DAS
सीपीयूएम / CPUM
आई.ओ.सी.एल(ए.ओ.डी), डिगबोई रिफाइनरी
I.O.C.L (AOD), DIGBOI REFINERY


PRINCIPAL
DELHI PUBLIC SCHOOL
DIGBOI



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AN ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OHSAS) CERTIFIED LABORATORY

272, Phase-IV, Sec-57, HSIIDC, Kundli, Sonapat-131028 (Haryana)

Ph. : 7082301442, 9250014551 Email : aalkundli@gmail.com

Website : www.aalkundli.com

TEST CERTIFICATE

Page 1 of 4

Issued To:	M/s Indian Oil Corporation Ltd. Digboi (Assam)	Report No.	AAL WQT-20220423002
Sample Description:	One Sample described as Clarified Water, was received.	Date of Receiving:	23/04/2022
Sample Location:	Nazirating	Date of Starting:	23/04/2022
Sample Collection Date:	21/04/2022	Date of Completion:	28/04/2022
		Date of Reporting:	28/04/2022
		Sample Quantity:	15 Litre
		Sample Packing Condition:	Sterilized Bottle
		Sample Collected By:	AAL

TEST RESULT

S. No.	Test parameters	Unit	Results	Requirements As per IS: 10500-2012		Testing Method	Conformity
				Acceptable Limit	Permissible Limit		
A. Organoleptic and Physical Parameters							
1	Colour	Hazen	<5.0	5 Max.	15 Max.	IS 3025(P-4)-2021	Yes
2	Odour	-	Agreeable	Agreeable	Agreeable	IS 3025(P-5)-2018	Yes
3	Taste	-	Agreeable	Agreeable	Agreeable	IS 3025(P-7)-2017	Yes
4	Turbidity	NTU	2.5	1 Max.	5 Max.	IS 3025(P-10)-1984	Yes
5	pH Value	-	7.24	6.5-8.5	No relaxation	IS 3025(P-11)-1983	Yes
6	Total Dissolved Solids	mg/l	176.0	500 Max.	2000 Max.	IS 3025(P-16)1984	Yes
B. General Parameters Concerning Substances Undesirable in Excessive Amounts							
7	Aluminum (as Al)	mg/l	BDL (DL=0.03)	0.03 Max.	0.2 Max.	IS 3025(P-55)-2003	Yes
8	Ammonia (as total ammonia-N)	mg/l	BDL (DL=0.5)	0.5 Max.	No relaxation	IS 3025(P-34)1988	Yes
9	Anionic Detergent (as MBAS)	mg/l	BDL (DL=0.2)	0.2 Max.	1.0 Max.	APHA 5540 C	Yes
10	Barium (as Ba)	mg/l	BDL (DL=0.5)	0.7 Max.	No relaxation	IS:15302-2003	Yes
11	Boron (as B)	mg/l	BDL (DL=0.5)	0.5 Max.	2.4 Max.	IS 3025(P-57)-2005	Yes
12	Calcium (as Ca)	mg/l	14.0	75 Max.	200 Max.	IS 3025(P-40)-1991	Yes
13	Chloramine (as Cl ₂)	mg/l	BDL (DL=0.5)	4.0 Max.	No relaxation	IS 3025(P-26)-1986	Yes
14	Chlorides (as Cl)	mg/l	29.0	250 Max.	1000 Max.	IS 3025(P-32)-1988	Yes
15	Copper (as Cu)	mg/l	BDL (DL=0.05)	0.05 Max.	1.5 Max.	IS 3025(P-42)-1992	Yes
16	Fluoride (as F)	mg/l	0.11	1 Max.	1.5 Max.	IS 3025(P-60)-1984	Yes
17	Residual free chlorine	mg/l	Nil	0.2 Min. (when Chlorinated)	1.0 Min. (when Chlorinated)	IS 3025(P-26)-2021	-
18	Iron (as Fe)	mg/l	0.16	1.0 Max.	No relaxation	IS 3025(P-53)-2003	Yes
19	Magnesium (as Mg)	mg/l	11.3	30 Max.	100 Max.	IS 3025(P-46)-1994	Yes
20	Manganese (as Mn)	mg/l	BDL (DL=0.05)	0.1 Max.	0.3 Max.	IS 3025(P-59)-2006	Yes
21	Mineral Oil	mg/l	BDL (DL=0.5)	0.5 Max.	No relaxation	IS 3025(P-39)-1991	Yes
22	Nitrate (as NO ₃)	mg/l	2.7	45 Max.	No relaxation	IS 3025(P-34)-1988	Yes
23	Phenolic Compound (as C ₆ H ₅ OH)	mg/l	BDL (DL=0.001)	0.001 Max.	0.002 Max.	IS 3025(P-43)-1992	Yes
24	Selenium(as Se)	mg/l	BDL (DL=0.01)	0.01 Max.	No relaxation	IS 3025(P-56)-2003	Yes
25	Silver (as Ag)	mg/l	BDL (DL=0.1)	0.1 Max.	No relaxation	Annex J of IS 13428-2005	Yes

BDL=Below Detection Limit, DL=Detection Limit

Ashutosh Srivastava
(SR. ANALYST)
Authorised Signatory

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Digboi (Assam)

Report No. AAL WQT-20220423002

Sample Description: One Sample described as Clarified Water, was received.

Date of Receiving: 23/04/2022

Date of Starting: 23/04/2022

Date of Completion: 28/04/2022

Sample Location: Nazirating

Date of Reporting: 28/04/2022

Sample Quantity: 15 Litre

Sample Collection Date: 21/04/2022

Sample Packing Condition: Sterilized Bottle

Sample Collected By: AAL

TEST RESULT

S. No.	Test parameters	Unit	Results	Requirements As per IS: 10500-2012		Testing Method	Conformity
				Desirable Limit	Permissible Limit		
26	Sulphate (as SO ₄)	mg/l	4.7	200 Max.	400 Max.	IS 3025(P-24)-1986	Yes
27	Sulphide (as H ₂ S)	mg/l	BDL (DL=0.05)	0.05 Max.	No relaxation	IS 3025(P-29)-1986	Yes
28	Total Alkalinity (as CaCO ₃)	mg/l	77.0	200 Max.	600 Max.	IS 3025(P-23)-1986	Yes
29	Total Hardness (as CaCO ₃)	mg/l	82.0	200 Max.	600 Max.	IS 3025(P-21)-2009	Yes
30	Zinc (as Zn)	mg/l	BDL (DL=0.05)	5 Max.	15 Max.	IS 3025(P-49)-1994	Yes
C. Parameters Concerning Toxic Substances							
31	Cadmium (as Cd)	mg/l	BDL (DL=0.002)	0.003 Max.	No relaxation	IS 3025(P-41)-1992	Yes
32	Cyanide (as CN)	mg/l	BDL (DL=0.05)	0.05 Max.	No relaxation	IS 3025(P-27)-1986	Yes
33	Lead (as Pb)	mg/l	BDL (DL=0.01)	0.01 Max.	No relaxation	IS 3025(P-47)-1994	Yes
34	Mercury (as Hg)	mg/l	BDL (DL=0.001)	0.001 Max.	No relaxation	IS 3025(P-48)-1992	Yes
35	Molybdenum (as Mo)	mg/l	BDL (DL=0.05)	0.07 Max.	No relaxation	IS 3025(P-2)-2004	Yes
36	Nickel (as Ni)	mg/l	BDL (DL=0.01)	0.02 Max.	No relaxation	IS 3025(P-54)-2003	Yes
37	Polychlorinated biphenyls (as PCB)	mg/l	BDL (DL=0.0005)	0.0005 Max.	No relaxation	APHA-6431	Yes
38	Polynuclear Aromatic Hydrocarbons (as PAH)	mg/l	BDL (DL=0.0001)	0.0001 Max.	No relaxation	APHA-6440	Yes
39	Total Arsenic (as As)	mg/l	BDL (DL=0.01)	0.01 Max.	No relaxation	IS 3025(P-37)-1988	Yes
40	Total Chromium (as Cr)	mg/l	BDL (DL=0.05)	0.05 Max.	No relaxation	IS 3025(P-52)-2003	Yes
41	Trihalomethanes						
(a)	Bromoform	mg/l	BDL (DL=0.05)	0.1 Max.	No relaxation	APHA-6232	Yes
(b)	Dibromochloromethane	mg/l	BDL (DL=0.05)	0.1 Max.	No relaxation	APHA-6232	Yes
(c)	Bromodichloromethane	mg/l	BDL (DL=0.01)	0.06 Max.	No relaxation	APHA-6232	Yes
(d)	Chloroform	mg/l	BDL (DL=0.05)	0.2 Max.	No relaxation	APHA-6232	Yes

BDL=Below Detection Limit, DL=Detection Limit

Ashutosh Srivastava
(SR. ANALYST)
Authorised Signatory

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Date of Starting: 23/04/2022

Date of Completion: 28/04/2022

Date of Reporting: 28/04/2022

Sample Location: Nazirating

Sample Quantity: 15 Litre

Sample Collection Date: 21/04/2022

Sample Packing Condition: Sterilized Bottle

Sample Collected By: AAL

TEST RESULT

S. No.	Test parameters	Unit	Results	Requirements As per IS: 10500-2012	Testing Method
42	Pesticide Residue:-				
(i)	Alachlor	µg/l	<5.0	20.0	AAL/SOP/ENV/27
(ii)	Atrazine	µg/l	<1.0	2.0	AAL/SOP/ENV/27
(iii)	Aldrin	µg/l	<0.01	0.03	AAL/SOP/ENV/27
(iv)	Alpha HCH	µg/l	<0.01	0.01	AAL/SOP/ENV/27
(v)	Beta HCH	µg/l	<0.01	0.04	AAL/SOP/ENV/27
(vi)	Butachlor	µg/l	<20.0	125.0	AAL/SOP/ENV/27
(vii)	Chlorpyrifos	µg/l	<2.0	30.0	AAL/SOP/ENV/27
(viii)	Delta HCH	µg/l	<0.01	0.04	AAL/SOP/ENV/27
(ix)	2,4- Dichlorophenoxyacetic Acid	µg/l	<5.0	30.0	AAL/SOP/ENV/28
(x)	DDT	µg/l	<0.5	1.0	AAL/SOP/ENV/27
(xi)	Endosulfan	µg/l	<0.1	0.4	AAL/SOP/ENV/27
(xii)	Ethion	µg/l	<0.5	3.0	AAL/SOP/ENV/27
(xiii)	Gamma HCH	µg/l	<0.5	2.0	AAL/SOP/ENV/27
(xiv)	Isoproturon	µg/l	<1.0	9.0	AAL/SOP/ENV/28
(xv)	Malathion	µg/l	<25	190	AAL/SOP/ENV/28
(xvi)	Methyl Parathion	µg/l	<0.1	0.3	AAL/SOP/ENV/27
(xvii)	Monocrotophos	µg/l	<0.5	1.0	AAL/SOP/ENV/27
(xviii)	Phorate	µg/l	<0.5	2.0	AAL/SOP/ENV/27


Ashutosh Srivastava
(SR. ANALYST)
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Date of Completion: 28/04/2022

Date of Reporting: 28/04/2022

Sample Location: Nazirating

Sample Quantity: 15 Litre

Sample Packing Condition: Sterilized Bottle

Sample Collection Date: 21/04/2022

Sample Collected By: AAL

TEST RESULT

S. No.	Test Parameter	Unit	Result	Testing Method
D. Micro Biological Analysis:				
1	Aerobic Microbial Count (37°C, 24hr)	cfu/ml	58	IS 5402-2012
2	Aerobic Microbial Count (22°C, 72hr)	cfu/ml	64	IS 5402-2012
3	Escherichia Coli	per 250ml	Absent	IS 5887(P-1)-1976
4	Coliform	per 250ml	Absent	IS 5401-2012
5	Yeast & Mould	per 250ml	Absent	IS 5403-1999
6	Staphylococcus aureus	per 250ml	Absent	IS 5887(P-2)-1976
7	Salmonella	per 250ml	Absent	IS 5887(P-3)-1999
8	Faecal Streptococci	per 250ml	Absent	IS 5887(P-2)-1976
9	Shigella	per 250ml	Absent	IS 5887(P-7)-1999
10	Vibrio Cholera	per 250ml	Absent	IS 5887(P-5)-1976
11	Vibrio parahaemolyticus	per 250ml	Absent	IS 5887(P-5)-1976
12	Sulphite Reducing Anaerobes	per 250ml	Absent	Annex C of IS 13428-2005
13	Pseudomonas aeruginosa	per 250ml	Absent	Annex D of IS 13428-2005

****End of Report****


Vinay Dixit
(Microbiologist)
Authorised Signatory

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