



# ENVIRO-TECH SERVICES

An Environmental Analytical Laboratory

Environmental Monitoring, Testing and Services

(An ISO 9001:2008, 14001:2004 and OHSAS 18001:2007 Certified Company)

Recognised by MoEF (Govt. of India), Accredited by IS/ISO/IEC-17025:2005 (NABL)

G-232, M.G. Road Industrial Area, Hapur Ph. : 9911516076, 9811736063

Email : etslab2012@gmail.com | Website : www.etslab.asia

JAS-ANZ



Acc. No.- M31112041N

## WATER SAMPLE ANALYSIS REPORT

(AS PER IS:10500-2012)

Page 1 Of 2

TEST REPORT NO : ETS/CFKR/RD-411/10-2015	DATE OF REPORT : 05-Nov-15
Name And Address Of Customer	CHAMBAL FERTILIZERS & CHEMICALS LTD. P.O. - GADEPAN , KOTA, RAJASTHAN, INDIA

### SAMPLING DETAILS

Analysis Start Date	30-10-2015	Analysis End Date	05-11-2015
Date of Sampling	28-10-2015	Sampling ID No.	411/10
Time of Sampling	00:00		
Sampling Done By	WOLKEM INDIA LTD.		
Sampling Description	DRINKING WATER		
Sampling Location	FROM VILLAGE PACHERA		
Sampling Protocol	IS:3025(Part-I)	Sampling Quantity	FIVE Lt
Packing Condition	Sealed	Packed In	PVC CANE

### TEST RESULT

S.No.	Parameter	Unit	Protocol	Result	Drinking Water Standards / Limit (IS :10500-2012)	
					Desirable Limit	Permissible Limit
1	Colour	Hazen	APHA-2120 (C)	< 5	5 max	15 max
2	Odour	--	IS:3025 (P-5)	AGREEABLE	Agreeable	Agreeable
3	Taste	--	IS:3025 (P-8)	AGREEABLE	Agreeable	Agreeable
4	pH	--	APHA-4500 (H+B)/IS:3025(P-11)-1983, REAFF.:2012	7.63	6.5-8.5	No Relaxation
5	Turbidity	NTU	APHA-2130 (B)/IS:3025 (P-10)-1984, REAFF. 2012	< 1	1 max.	5 max.
6	Total Hardness	mg/L	APHA-2340 (C)/IS:3025(P-21)-1983, REAFF.:2009	166	200 max.	600 max.
7	Iron (Fe)	mg/L	APHA-3111 (B)	0.01	0.3 max.	No Relaxation
8	Chloride (Cl)	mg/L	APHA-4500 (B)/IS:3025(P-32)-1988	36	250 max.	1000 max.
9	Residual, Free Chlorine	mg/L	APHA-4500 (B)	< 0.01	0.2 min.	1.0 min.
10	Total Dissolved Solids (TDS)	mg/L	APHA-2540 (C)	276	500 max.	2000 max.
11	Calcium (Ca)	mg/L	APHA-3500 (B)/IS:3025(P-40)-1991, REAFF.:2003	44.8	75 max.	200 max.
12	Copper (Cu)	mg/L	APHA-3111 (B)	< 0.01	0.05 max.	1.5 max.
13	Manganese (Mn)	mg/L	APHA-3111 (B)	< 0.01	0.1 max.	0.3 max.
14	Sulphate (SO <sub>4</sub> )	mg/L	APHA-4500 (C)/IS:3025(P-24)-1986, REAFF.:2009	17.40	200 max.	400 max.

FOR ENVIRO-TECH SERVICES



CHECKED BY

Format no ETS/LAB/TR-09 Issue No 02 dt 01/11/2014 Rev No 01 dt 01/11/2014

Dr. SANJAY TOMAR  
CHIEF CHEMIST  
AUTHORIZED SIGNATORY



# ENVIRO-TECH SERVICES

An Environmental Analytical Laboratory

Environmental Monitoring, Testing and Services

(An ISO 9001:2008, 14001:2004 and OHSAS 18001:2007 Certified Company)

Recognised by MoEF (Govt. of India), Accredited by IS/ISO/IEC-17025:2005 (NABL)

G-232, M.G. Road Industrial Area, Hapur Ph. : 9911516076, 9811736063

Email : etslab2012@gmail.com | Website : www.etslab.asia

JAS-ANZ



Acc. No.- M31112041N

## WATER SAMPLE ANALYSIS REPORT

(AS PER IS:10500-2012)

Page 2 Of 2

TEST REPORT NO : ETS/CFKR/RD-411/10-2015			DATE OF REPORT : 05-Nov-15			
15	Nitrate (NO <sub>3</sub> )	mg/L	APHA-4500 (NO <sub>3</sub> )/IS:3025(P-34)-1988	0.80	45 max.	No Relaxation
16	Fluoride (F)	mg/L	APHA-4500 (D)	< 0.01	1.0 max.	1.5 max.
17	Phenolic Compounds (C <sub>6</sub> H <sub>5</sub> OH)	mg/L	APHA-5530	< 0.001	0.001 max.	0.002 max.
18	Mercury (Hg)	mg/L	APHA-3112 (B)	< 0.001	0.001 max.	No Relaxation
19	Cadmium (Cd)	mg/L	APHA-3111 (B)	< 0.01	0.003 max.	No Relaxation
20	Selenium (Se)	mg/L	APHA-3113 (B)	< 0.01	0.01	No Relaxation
21	Arsenic (As)	mg/L	APHA-3500 (B)	< 0.001	0.01 max.	0.05 max.
22	Cyanide (Cn)	mg/L	APHA-4500 (C)	< 0.01	0.05 max.	No Relaxation
23	Lead (Pb)	mg/L	APHA-3111 (B)	< 0.01	0.01 max.	No Relaxation
24	Zinc (Zn)	mg/L	APHA- 3111 (B)	< 0.01	5 max.	15 max.
25	Anionic Detergent (MBAS)	mg/L	APHA-4540	< 0.002	0.2 max.	1.0 max.
26	Pesticides	mg/m <sup>3</sup>	IS:14628	<< 0.0001(as BHC)	Absent	0.001 max.
27	Total Alkalinity	mg/L	APHA-2320 (B)/IS:3025(P-23)-1986,REAFF.:2009	106	200 max.	600 max.
28	Aluminium (Al)	mg/L	APHA-3500 (B)	< 0.02	0.03 max.	0.2 max.
29	Boron (B)	mg/L	APHA-4500 (B)	< 0.001	0.5 max.	1.0 max.
30	Oil & Grease	mg/L	APHA-5520	TRACES	0.5	No Relaxation
31	Total Chromium	mg/L	APHA-3500 Cr B	< 0.01	0.05	No Relaxation

\*\*\*\* End Of Report\*\*\*\*

FOR ENVIRO-TECH SERVICES



CHECKED BY

Format no ETS/LAB/TR-09 Issue No-02 dt 01/11/2014 Rev No 01 dt 01/11/2014

*Sanjay*  
**Dr. SANJAY TOMAR**  
 CHIEF CHEMIST  
 AUTHORIZED SIGNATORY



# ENVIRO-TECH SERVICES

An Environmental Analytical Laboratory

Environmental Monitoring, Testing and Services

(An ISO 9001:2008, 14001:2004 and OHSAS 18001:2007 Certified Company)

Recognised by MoEF (Govt. of India), Accredited by IS/ISO/IEC-17025:2005 (NABL)

G-232, M.G. Road Industrial Area, Hapur Ph. : 9911516076, 9811736063

Email : etslab2012@gmail.com | Website : www.etslab.asia

JAS-ANZ



Acc. No. - M31112041N

## WATER SAMPLE ANALYSIS REPORT (AS PER IS:10500-2012)

Page 1 Of 2

TEST REPORT NO : ETS/CFKR/RD-412/10-2015	DATE OF REPORT : 05-Nov-15
Name And Address Of Customer	CHAMBAL FERTILIZERS & CHEMICALS LTD. P.O. - GADEPAN , ,KOTA,RAJASTHAN, INDIA

### SAMPLING DETAILS

Analysis Start Date	30-10-2015	Analysis End Date	05-11-2015
Date of Sampling	28-10-2015	Sampling ID No.	412/10
Time of Sampling	00:00		
Sampling Done By	WOLKEM INDIA LTD.		
Sampling Description	DRINKING WATER		
Sampling Location	FROM VILLAGE PACHERA KI JHOPRI	Sampling Quantity	FIVE Lt
Sampling Protocol	IS.3025(Part-I)	Packed In	PVC CANE
Packing Condition	Sealed		

### TEST RESULT

S.No.	Parameter	Unit	Protocol	Result	Drinking Water Standards / Limit (IS :10500-2012)	
					Desirable Limit	Permissible Limit
1	Colour	Hazen	APHA-2120 (C)	< 5	5 max	15 max
2	Odour	--	IS:3025 (P-5)	AGREEABLE	Agreeable	Agreeable
3	Taste	--	IS:3025 (P-8)	AGREEABLE	Agreeable	Agreeable
4	pH	--	APHA-4500 (H+B)/IS:3025(P-11)-1983, REAFF.: 2012	7.75	6.5-8.5	No Relaxation
5	Turbidity	NTU	APHA-2130 (B)/IS:3025 (P-10)-1984, REAFF. 2012	< 1	1 max.	5 max.
6	Total Hardness	mg/L	APHA-2340 (C)/IS:3025(P-21)-1983, REAFF.:2009	170	200 max.	600 max.
7	Iron (Fe)	mg/L	APHA-3111 (B)	< 0.01	0.3 max.	No Relaxation
8	Chloride (Cl)	mg/L	APHA-4500 (B)/IS:3025(P-32)-1988	45	250 max.	1000 max.
9	Residual, Free Chlorine	mg/L	APHA-4500 (B)	< 0.01	0.2 min.	1.0 min.
10	Total Dissolved Solids (TDS)	mg/L	APHA-2540 (C)	282	500 max.	2000 max.
11	Calcium (Ca)	mg/L	APHA-3500 (B)/IS:3025(P-40)-1991, REAFF.:2003	37.6	75 max.	200 max.
12	Copper (Cu)	mg/L	APHA-3111 (B)	< 0.01	0.05 max.	1.5 max.
13	Manganese (Mn)	mg/L	APHA-3111 (B)	< 0.01	0.1 max.	0.3 max.
14	Sulphate (SO <sub>4</sub> )	mg/L	APHA-4500 (C)/IS:3025(P-24)-1986, REAFF.:2009	26.29	200 max.	400 max.

FOR ENVIRO-TECH SERVICES

CHECKED BY



Format no ETS/LAB/TR-09 Issue No 02 dt 01/11/2014 Rev No 01 dt 01/11/2014

Dr. SANJAY TOMAR  
CHIEF CHEMIST  
AUTHORIZED SIGNATORY



# ENVIRO-TECH SERVICES

An Environmental Analytical Laboratory

Environmental Monitoring, Testing and Services

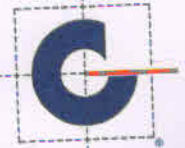
(An ISO 9001:2008, 14001:2004 and OHSAS 18001:2007 Certified Company)

Recognised by MoEF (Govt. of India), Accredited by IS/ISO/IEC-17025:2005 (NABL)

G-232, M.G. Road Industrial Area, Hapur Ph. : 9911516076, 9811736063

Email : etslab2012@gmail.com | Website : www.etslab.asia

JAS-ANZ



Acc. No. - M31112041N

## WATER SAMPLE ANALYSIS REPORT (AS PER IS:10500-2012)

Page 2 Of 2

TEST REPORT NO : ETS/CFKR/RD-412/10-2015			DATE OF REPORT : 05-Nov-15			
15	Nitrate (NO <sub>3</sub> )	mg/L	APHA-4500 (NO <sub>3</sub> )/IS:3025(P-34)-1988	0.56	45 max.	No Relaxation
16	Fluoride (F)	mg/L	APHA-4500 (D)	< 0.01	1.0 max.	1.5 max.
17	Phenolic Compounds (C <sub>6</sub> H <sub>5</sub> OH)	mg/L	APHA-5530	< 0.001	0.001 max.	0.002 max.
18	Mercury (Hg)	mg/L	APHA-3112 (B)	< 0.001	0.001 max.	No Relaxation
19	Cadmium (Cd)	mg/L	APHA-3111 (B)	< 0.01	0.003 max.	No Relaxation
20	Selenium (Se)	mg/L	APHA-3113 (B)	< 0.01	0.01	No Relaxation
21	Arsenic (As)	mg/L	APHA-3500 (B)	< 0.001	0.01 max.	0.05 max.
22	Cyanide (Cn)	mg/L	APHA-4500 (C)	< 0.01	0.05 max.	No Relaxation
23	Lead (Pb)	mg/L	APHA-3111 (B)	< 0.01	0.01 max.	No Relaxation
24	Zinc (Zn)	mg/L	APHA-3111 (B)	< 0.01	5 max.	15 max.
25	Anionic Detergent (MBAS)	mg/L	APHA-4540	< 0.002	0.2 max.	1.0 max.
26	Pesticides	mg/m <sup>3</sup>	IS:14628	<< 0.0001 (as BHC)	Absent	0.001 max.
27	Total Alkalinity	mg/L	APHA-2320 (B)/IS:3025(P-23)-1986, REAFF.:2009	110	200 max.	600 max.
28	Aluminium (Al)	mg/L	APHA-3500 (B)	< 0.02	0.03 max.	0.2 max.
29	Boron (B)	mg/L	APHA-4500 (B)	< 0.001	0.5 max.	1.0 max.
30	Oil & Grease	mg/L	APHA-5520	TRACES	0.5	No Relaxation
31	Total Chromium	mg/L	APHA-3500 Cr B	< 0.01	0.05	No Relaxation

\*\*\*\* End Of Report\*\*\*\*

FOR ENVIRO-TECH SERVICES



CHECKED BY

Format no ETS/LAB/TR-09 Issue No 02 dt 01/11/2014 Rev No 01 dt 01/11/2014

*S. Sanjay*  
Dr. SANJAY TOMAR  
CHIEF CHEMIST  
AUTHORIZED SIGNATORY