

# Essen & Co.

EC/QCF/17

ESTD. 1944

**ANALYTICAL CHEMISTS & ASSAYERS**  
**(An ISO 9001 - 2008 Certified Company)**

No. 92, 7th Main, 3rd Phase,  
Peenya Industrial Area,  
Bangalore - 560 058.

Founded by : Dr. N. JAYARAMAN, M.A., D.Sc.  
Director : Dr. J. RAJARAM

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## TEST REPORT

ISSUED TO:

M/s. SETHI AQUA HEALTH PVT.LTD., # 34/4, CHIKKASONNE, DEVANAHALLI, BENGALURU - 562 110.	CERTIFICATE NO.: <b>AT/5304</b> DATE OF ISSUE.: 24-11-2018
	REGISTER NO.....: <b>5839</b> DATE OF RECEIPT: 16-11-2018

SAMPLE SUBMITTED BY PARTY

DESCRIPTION OF SAMPLE: R.O. WATER

TESTED AS PER.....: —

REQUIREMENTS (DESIRABLE PERMISSIBLE LIMIT IN ABSENCE OF ALTERNATE RESULTS TEST METHOD)					
PARAMETER	IS: 10500/2012	SOURCE	RESULTS	TEST METHOD	
COLOUR IN HAZEN UNITS	5	15	<5.0	I.S. 3025-P-4	
TOUR	AGREEABLE	AGREEABLE	AGREEABLE	I.S. 3025-P-5	
SH VALUE	6.5 to 8.5	NO RELAXATION	7.00	I.S. 3025-P-11	
TASTE	AGREEABLE	AGREEABLE	AGREEABLE	I.S. 3025-P-7&8	
TURBIDITY AS NTU, MAX	1	5	<1.00	I.S. 3025-P-10	
TOTAL DISSOLVED SOLIDS, mg/L, MAX	500	2000	70.0	I.S. 3025-P-16	
LUMINIUM (AS Al) mg/L, MAX	0.03	0.2	<0.03	APHA	
MMONIA (AS TOTAL AMMONIA-N) mg/L, MAX	0.5	NO RELAXATION	<0.5	I.S. 3025-P-34	
IRON (AS B) mg/L, MAX	0.5	1.0	<0.5	I.S. 3025-P-57	
CALCIUM (AS Ca) mg/L, MAX	75	200	8.41	I.S. 3025-P-40	
HLORIDE (AS Cl) mg/L, MAX	250	1000	14.5	I.S. 3025-P-32	
OPPER (AS Cu) mg/L, MAX	0.05	1.5	<0.05	I.S. 3025-P-42	
LUORIDE (AS F) mg/L, MAX	1.0	1.5	0.34	APHA (SPADNS)	
FREE RESIDUAL CHLORINE, mg/L, MIN	0.2	1	<0.2	I.S. 3025-P-26	
IRON (AS Fe) mg/L, MAX	0.3	NO RELAXATION	<0.1	APHA	
MAGNESIUM (AS Mg) mg/L, MAX	30	100	2.67	I.S. 3025-P-46	
MANGANESE (AS Mn) mg/L, MAX	0.1	0.3	<0.1	I.S. 3025-P-59	
ITRATE (AS NO3) mg/L, MAX	45	NO RELAXATION	14.7	APHA	
PHENOLIC COMPOUNDS (AS C6H5OH)mg/L, MAX	0.001	0.002	<0.001	I.S. 3025-P-43	
SILVER (AS Ag) mg/L, MAX	0.1	NO RELAXATION	<0.1	I.S. 13428	
SULPHATE (AS SO4) mg/L, MAX	200	400	5.54	I.S. 3025-P-24	
SULPHIDE (AS H2S) mg/L, MAX	0.05	NO RELAXATION	<0.05	I.S. 3025-P-29	
TOTAL ALKALINITY (AS CaCO3) mg/L, MAX	200	600	15.0	I.S. 3025-P-23	

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H.N BABURAJENDRA  
QUALITY MANAGER

For ESSEN & CO

*H.N. Baburajendra*

Authorized Signatory

Note : The test results given in this certificate pertains only to the sample received by us. In case of dispute, our liability is limited to the billed amount received by us. Our intervention has been performed to the best of our skill and knowledge and our responsibility is limited to the exercise of due care. This certificate reflects our findings at the time and place of inspection and does not release vendors or buyers from their contractual obligations. This certificate shall not be reproduced in part or full and cannot be used as evidence in court of law without prior permission in writing. The sample will be preserved for a maximum of one month on request.

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	REGISTER NO.....: 5839 DATE OF RECEIPT: 16-11-2018

PARAMETER	REQUIREMENTS (DESTRABLE LIMIT) AS PER IS: 10500/2012	PERMISSIBLE LIMIT IN ABSENCE OF ALTERNATE SOURCE	RESULTS	TEST METHOD
TOTAL HARDNESS AS CaCO <sub>3</sub> , mg/L	200	600	32.0	I.S. 3025-P-21
INC (AS Zn) mg/L, MAX	5	15	<0.4	I.S. 3025-P-49
ADMIMUM (AS Cd) mg/L, MAX	0.003	NO RELAXATION	<0.003	I.S. 3025-P-41
CYANIDE AS CN, mg/L, MAX	0.05	NO RELAXATION	<0.05	I.S. 3025-P-27
LEAD (AS Pb) mg/L, MAX	0.01	NO RELAXATION	<0.01	I.S. 3025-P-47
MERCURY (AS Hg) mg/L, MAX	0.001	NO RELAXATION	<0.001	I.S. 3025-P-48
COPPER (AS Ni) mg/L, MAX	0.02	NO RELAXATION	<0.02	I.S. 3025-P-54
TOTAL ARSENIC (AS As) mg/L, MAX	0.01	0.05	<0.01	I.S. 3025-P-37
TOTAL CHROMIUM (AS Cr) mg/L, MAX	0.05	NO RELAXATION	<0.05	I.S. 3025-P-52
BACTERIOLOGICAL CHARACTERISTICS				
TESTED AS PER IS: 1622)				
E. COLI or THERMOTOLERANT COLIFORM	NOT DETECTABLE	---	NOT DETECTED	I.S. 1622
BACTERIA IN 100 ml. SAMPLE				
TOTAL COLIFORM BACTERIA IN 100 ml. SAMPLE	NOT DETECTABLE	---	NOT DETECTED	I.S. 1622
REMARKS: ON THE BASIS OF THE ABOVE TESTS THE WATER IS POTABLE				

H.N BABURAJENDRA  
QUALITY MANAGER

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