

Test Report No. GGN/F(C/M)/19/003790
Dated 2019-04-09

Issued To : **SHARP BUSINESS SYSTEMS (INDIA) PVT. LTD.**
3rd Floor, BITS Tower,
Plot No. 9, Sector 125, Noida,
U.P. 201 301, India

Attention : Mr. Amandeep Singh Dhamoon

Customer Ref. No. : Test Request Form

Sample Particulars

Sample Name : Water Purifier

Batch No. / Lot No. / Mfg. Date / Best Before Date : Marked as Model No. WJ-400-W

Sample Package / Quantity : Card Box Pack / 1 No.

Sampled by : Customer

Sampling Location : Not Applicable

Sampling Protocol : Not Applicable

Sample Condition : Received in Good Condition

Date of Sample Receipt : Received on 2019-03-14

Date of Analysis : 2019-03-26

Date of Completion : 2019-04-05

Authorised by



Arti Trivedi
Authorized Signatory

By accepting this document the customer hereby agrees and accepts the 'Terms & Conditions' and the relevant 'Testing & Certification Regulations' of TÜV SÜD South Asia Pvt. Ltd. which are available at Company's website at the link-<http://www.tuv-sud.in/en-en/resource-centre/terms-and-conditions>

Note: The test report is electronically generated. Hence original signature is not required. For any technical query, please contact Dr. Seema.Gujral at Seema.Gujral@tuv-sud.in and for any complaint please contact Kardam, Kanupriya at Kanupriya.Kardam@tuv-sud.in .

Note : (1) The results relate only to the items tested, (2) the test report shall not be reproduced except in full without the written approval of the laboratory, (3) For details of the accredited scope, please contact laboratory or accreditation body website



South Asia

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S. No.	TEST PARAMETER	TEST RESULTS		ACCEPTABLE LIMIT IS: 16240 :2015 SPECIFICATION	TEST METHOD
		INLET WATER	OUTLET WATER		
A	TDS Reduction Claim				
1	Total Dissolved Solid, mg/L	1547	133	500 Max.	IS:3025 (Part 16)-1984-RA:2012
B	Chemical Inorganic Reduction Claim				
1	Nitrate as NO ₃ , mg/L	156.38	14.80	45 Max.	IS:3025 (Part 34)-1988-RA:2014
2	Fluoride as F, mg/L	8.73	0.6	1.0 Max.	APHA 23 rd Edition 4500 F-D
3	Arsenic as As ⁵⁺ , mg/L	0.101	BLQ (LOQ-0.005 mg/l)	0.01 Max.	APHA, 23 rd Edition
4	Cadmium as Cd, mg/L	0.030	BLQ (LOQ-0.003 mg/l)	0.003 Max.	APHA, 23 rd Edition
5	Copper as Cu, mg/L	3.076	BLQ (LOQ-0.01 mg/l)	0.05 Max.	APHA, 23 rd Edition
6	Lead as Pb, mg/L	0.151	BLQ (LOQ-0.005 mg/l)	0.01 Max.	APHA, 23 rd Edition
7	Mercury as Hg, mg/L	0.006	BLQ (LOQ-0.001 mg/l)	0.001 Max.	APHA, 23 rd Edition
8	Chromium as Cr, mg/L	0.308	BLQ (LOQ-0.01 mg/l)	0.05 Max.	APHA, 23 rd Edition
9	Iron as Fe, mg/L	0.908	BLQ (LOQ-0.01 mg/l)	0.3 Max.	APHA, 23 rd Edition

Laboratory:
TUV SUD South Asia Pvt. Ltd.
Plot No.373, Udyog Vihar Phase-II,
Gurgaon-122016, Haryana.

Phone :0091 124 6199699
Fax :0091 124 6199599
E-Mail :Seema.Gujral@tuv-sud.in
Url : www.tuv-sud.in

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		INLET WATER	OUTLET WATER		
C	<i>Pesticide Residues Reduction Claim</i>				
1	Alachlor, µg/L	0.030	Not Detected (LOQ- 0.01 µg/L)	0.01 Max.	LAB_P_SOP_46 (Ref. 6440, APHA, 22 nd Edition)
2	Atrazine, µg/L	0.031	Not Detected (LOQ- 0.01 µg/L)	0.01 Max.	LAB_P_SOP_46 (Ref. 6440, APHA, 22 nd Edition)
3	Aldrin , µg/L	0.031	Not Detected (LOQ- 0.01 µg/L)	0.01 Max.	LAB_P_SOP_46 (Ref. 6440, APHA, 22 nd Edition)
4	Dieldrin, µg/L	0.030	Not Detected (LOQ- 0.01 µg/L)	0.01 Max.	LAB_P_SOP_46 (Ref. 6440, APHA, 22 nd Edition)
5	Alpha HCH, µg/L	0.032	Not Detected (LOQ- 0.01 µg/L)	0.01 Max.	LAB_P_SOP_46 (Ref. 6440, APHA, 22 nd Edition)
6	Beta HCH, µg/L	0.027	Not Detected (LOQ- 0.01 µg/L)	0.01 Max.	LAB_P_SOP_46 (Ref. 6440, APHA, 22 nd Edition)
7	Butachlor, µg/L	0.031	Not Detected (LOQ- 0.01 µg/L)	0.01 Max.	LAB_P_SOP_46 (Ref. 6440, APHA, 22 nd Edition)
8	Chlorpyrifos, µg/L	0.031	Not Detected (LOQ- 0.01 µg/L)	0.01 Max.	LAB_P_SOP_46 (Ref. 6440, APHA, 22 nd Edition)
9	Delta HCH, µg/L	0.028	Not Detected (LOQ- 0.01 µg/L)	0.01 Max.	LAB_P_SOP_46 (Ref. 6440, APHA, 22 nd Edition)
10	2,4- Dichlorophenoxyacetic acid, µg/L	0.031	Not Detected (LOQ- 0.01 µg/L)	0.01 Max.	LAB_P_SOP_46 (Ref. 6440, APHA, 22 nd Edition)
11	Ethion, µg/L	0.029	Not Detected (LOQ- 0.01 µg/L)	0.01 Max.	LAB_P_SOP_46 (Ref. 6440, APHA, 22 nd Edition)
12	Gamma – HCH (Lindane), µg/L	0.028	Not Detected (LOQ- 0.01 µg/L)	0.01 Max.	LAB_P_SOP_46 (Ref. 6440, APHA, 22 nd Edition)

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		INLET WATER	OUTLET WATER		
13	Isoproturon, µg/L	0.028	Not Detected (LOQ- 0.01 µg/L)	0.01 Max.	LAB_P_SOP_46 (Ref. 6440, APHA, 22 nd Edition)
14	Malathion, µg/L	0.027	Not Detected (LOQ- 0.01 µg/L)	0.01 Max.	LAB_P_SOP_46 (Ref. 6440, APHA, 22 nd Edition)
15	Methyl Parathion, µg/L	0.029	Not Detected (LOQ- 0.01 µg/L)	0.01 Max.	LAB_P_SOP_46 (Ref. 6440, APHA, 22 nd Edition)
16	Monocrotophos, µg/L	0.028	Not Detected (LOQ- 0.01 µg/L)	0.01 Max.	LAB_P_SOP_46 (Ref. 6440, APHA, 22 nd Edition)
17	Phorate, µg/L	0.029	Not Detected (LOQ- 0.01 µg/L)	0.01 Max.	LAB_P_SOP_46 (Ref. 6440, APHA, 22 nd Edition)
18	DDT (o, p and p, p – Isomers of DDT, DDE & DDD), µg/L				
(i)	O, P DDE, µg/l	0.031	Not Detected (LOQ- 0.01 µg/L)	0.01 Max.	LAB_P_SOP_46 (Ref. 6440, APHA, 22 nd Edition)
(ii)	P, P DDE, µg/l	0.030	Not Detected (LOQ- 0.01 µg/L)	0.01 Max.	LAB_P_SOP_46 (Ref. 6440, APHA, 22 nd Edition)
(iii)	O,P DDD, µg/l	0.031	Not Detected (LOQ- 0.01 µg/L)	0.01 Max.	LAB_P_SOP_46 (Ref. 6440, APHA, 22 nd Edition)
(iv)	P, P DDD, µg/l	0.030	Not Detected (LOQ- 0.01 µg/L)	0.01 Max.	LAB_P_SOP_46 (Ref. 6440, APHA, 22 nd Edition)
(v)	O, P DDT, µg/l	0.030	Not Detected (LOQ- 0.01 µg/L)	0.01 Max.	LAB_P_SOP_46 (Ref. 6440, APHA, 22 nd Edition)
(vi)	P, P DDT, µg/l	0.029	Not Detected (LOQ- 0.01 µg/L)	0.01 Max.	LAB_P_SOP_46 (Ref. 6440, APHA, 22 nd Edition)

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		INLET WATER	OUTLET WATER		
19	Endosulfan (alpha, beta & Sulphate), µg/L				
(i)	Alpha Endosulfan, µg/l	0.030	Not Detected (LOQ- 0.01 µg/L)	0.01 Max.	LAB_P_SOP_46 (Ref. 6440, APHA, 22 nd Edition)
(ii)	Beta Endosulfan, µg/l	0.030	Not Detected (LOQ- 0.01 µg/L)	0.01 Max.	LAB_P_SOP_46 (Ref. 6440, APHA, 22 nd Edition)
(iii)	Endosulfan Sulfate, µg/l	0.031	Not Detected (LOQ- 0.01 µg/L)	0.01 Max.	LAB_P_SOP_46 (Ref. 6440, APHA, 22 nd Edition)



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S. No.	TEST PARAMETER	TEST RESULTS		% REDUCTION	ACCEPTABLE LIMIT IS: 16240-2015 SPECIFICATION	TEST METHOD
		INLET WATER	OUTLET WATER			
D	Microbial Contaminants Reduction Claim					
1	<i>E. coli</i> , 100 ml	4.9 x 10 ⁷	< 1	99.9999	99.9999 % reduction	IS 1622:1981
2	MS2* (Viruses), /100 ml	2.7 x 10 ⁴	< 1	99.99	99.99 % reduction	NSF P248:2008

LOQ: Limit of Quantification

Remark 1: The inlet water is prepared by spiking (spiking of the constituents is based on IS 16240 -2015 table 1 for above test parameters and Outlet water is prepared by passing the inlet water through the submitted water purifier system.

Remark 2: The outlet water of submitted Water Purifier conforms to the requirement of IS 16240: 2015 with respect to the above test parameters only.

Authorized By

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(Authorised Signatory)

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(Authorised Signatory)

Authorized By

Ashutosh Kumar Pathak
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