



TEST REPORT

Report No: AWRCL/5283 /13-14

Date: 04.09.2013


CUSTOMER DETAILS	SAMPLE DETAILS	TEST DETAILS
Name & Address : Mr. Vijay Kuamr M/s Crossfields Water Purifiers (P) Ltd 7th Cross Saibaba colony 641011 Bharathi Park Rd, Coimbatore, TN Tel : 0422 243 0916	Sample received: 29.08.2013	Method: (1). USEPA Guide Standard and Protocol for testing Microbiological Water Purifiers, 1987.
	Sample code no: AWRCL/5283 / 13- 14	
	Sample Description: UV based Water Purification system	
	Sample Quantity for Testing: 1 No.	
	Submitted by : M/s Crossfields Water Purifiers (P) Ltd.	
	Date of Analysis started : 03.09.2013	
	Date of Analysis Completed: 04.09.2013	
	Subcontract: NA	
	Sample Condition when received: Intact.	

TEST DATA: At 6 lit/min Flow rate

AWRCL CODE	Tested parameter	Input microbial count	Output microbial count	% Reduction	Specification for % Reduction
System arranged in Horizontal manner	E.Coli MTCC 68	3 x 10 ⁶ cfu/ml	2 cfu /100 ml	≥99.99999 8.17 log	99.9999% (USEPA)
	MS2 Phage ATCC 15597 B 1	4 x 10 ⁴ pfu/ml	No Plaque Forming Unit/ ml	≥99.999 4.6	99.99% (USEPA)
System arranged in Vertical manner	E.Coli MTCC 68	3 x 10 ⁶ cfu/ml	No viable colonies /100 ml	≥ 99.9999 8.17 log	99.9999% (USEPA)
	MS2 Phage ATCC 15597 B 1	4 x 10 ⁴ pfu/ml	No Plaque Forming Unit/ ml	≥99.999 4.6	99.99% (USEPA)

CFU: Colony forming Units, Pfu: Plaque forming Units

INFERENCE: Tested UV based water purification system conforms to Microbial Reduction as per international norms when tested at 6 Lit/min flow rate at output.



Dr S.MURALIDHARA RAO
Head - Laboratory

WE UNDER TAKE ANALYTICAL JOBS FOR WATER, FOOD, BIOCIDAL RESINS, DETERGENTS & SANITIZERS AND SOIL. WE CARRY OUT PERFORMANCE EVALUATION OF DRINKING WATER TREATMENT UNITS AS PER NSF/ANSI SPECIFICATIONS. BASED ON PERFORMANCE WE CAN ARRANGE FOR GOLD SEAL CERTIFICATION FROM WQA - USA

Note:

- The Results pertain only to the tested samples and applicable parameters.
- Samples will be disposed after 15 days from the issue of test certificate unless otherwise specified, Incase of bacteriological tests, the samples will be disposed after 7 days itself from the date of issuing the certificate.
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- In case, any reconfirmation of contents of this certificate is required please contact our office.

Mailing Address:

AQUADIAGNOSTICS WATER RESEARCH & TECHNOLOGY CENTRE LIMITED.


No. 57, Om shakthi Complex, 1st Floor, G.B. Palya, Hosur Main Road, Bangalore - 560 068. INDIA. Tel: +91 - 80 - 25731142/81, Fax: +91 - 80 - 25731173.
email: smr@aquadiagnostics.org, aquadiagnostics@gmail.com, website: www.aquadiagnostics.com

**PRODUCT CONFIGURATION:**

Sediment Filter + Carbon Block + UV chamber with 40 Watts Phillips UV lamp (TUV36-T54PSE)

PRODUCT TEST WATER

S.NO	CHARACTERISTIC	CONCENTRATION USED : Tank 1	CONCENTRATION USED : Tank 2
1	pH Value	7.6	7.8
2	Total Dissolved Solids mg/L	436	444
3	Total Organic carbon mg/L	> 1 mg/L	> 1 mg/L
4	Turbidity NTU	< 1 NTU	< 1 NTU
5	Temperature of Water ° C	25°C	25°C



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