

**TEST REPORT**

Report No: AWRCL/ 6410/ 14 -15

Date : 03.06.2014

| Customer details | Sample details |
|--|--|
| Name & Address : Dr. T.N.V.V.Rao M/s J n C Global | Sample received: 19.04.2014 |
| | Sample code no:- AWRCL/ 6410/ 14-1 5 |
| | Sample Description : Foamulations' Foam Piece |
| | No of Sample : 2 Nos. |
| | Submitted By : Foamulations through J n C Global |
| | Date of Analysis Started : 28.05.2014 |
| | Date of Analysis Completed : 02.06.2014 |
| | Subcontract : NA |
| Condition of Sample when received : Intact. | |

TEST DATA :

| AWRCL/6410 /14-15 Customer code : Foam for Air purification | Naturally Occurring Bacterial counts | | | Naturally occurring Yeast & Mold counts | | | |
|---|---|---------------------------|------------------------------------|---|---------------------------|------------------------------------|-------------|
| | Microbial counts at a particular position | Before Airpurifier was ON | After 3 hrs of running Airpurifier | % Reduction | Before Airpurifier was ON | After 3 hrs of running Airpurifier | % Reduction |
| Behind the Airpurifier / middle of the room | 34 cfu | 6 cfu | 82.35% | >150 cfu | 3 | 98.0% | |
| Right corner of the room | 10 cfu | 2 cfu | 80% | 21 | 1 | 95.2% | |
| Left corner of the room | 13 cfu | 1 cfu | 92.3% | 13 | 1 | 92.3% | |

Cfu: Colony forming units.

Method : The Foam supplied by Foamulations was fixed in an purifier by replacing the original Hepafilter (picture can be seen in next page). In a 8 x 8 ft. room, external air was allowed to flow in for 12 hrs. The next day morning Nutrient agar and Yeast Mold agar plates were exposed for 30 minutes. Incubation was done at 37^oC / 24 hrs. Yeast & Mold agar plates were incubated at 25^oC / 5 days.

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Dr S.MURALIDHARA RAO
Head - Laboratory

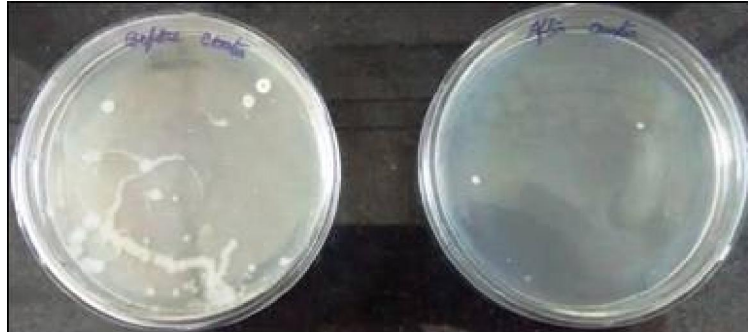
WE UNDER TAKE ANALYTICAL JOBS FOR WATER, FOOD, BIOCIDAL RESINS, DETERGENTS & SANITIZERS AND SOIL. WE CARRY OUT PERFORMANCE EVALUATION OF DRINKING WATER TREATMENT UNITS AS PER NSF/ANSI SPECIFICATIONS. BASED ON PERFORMANCE WE CAN ARRANGE FOR GOLD SEAL CERTIFICATION FROM WQA - USA

Note:

1. The Results pertain only to the tested samples and applicable parameters.
2. 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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4. 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



Nutrient agar plates with bacterial colonies before running Airpurifier (with Foamulation material) and after running air purifier.




Foamulation filter

Prefilter of Purifier behind
Which Foamulation filter
is present

Complete Airpurifier

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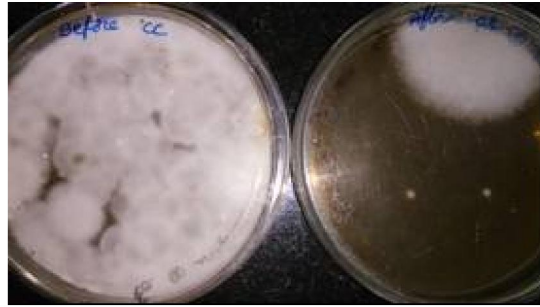
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1. Yeast & Molds before (Leftside) & After (Right side) running the Airpurifier in the middle of the room.




2. Before (Left) & After (Right) running the Airpurifier in Rightside corner of the room



3. Before (Left) & After (Right) running the Airpurifier in Left side corner of the room

INFERENCE: If the Airpurifier is run for more time continuously all the microorganisms would have got trapped by the filter.

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