



TEST CERTIFICATE

Issued To: Ohm AI Tech Labs LLP
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Coimbatore, Tamil Nadu – 641044

Description: Said to be Water Bottle Cap, Model: Steel Hawk, Sample
Qty.: SS Water Bottle-1 No, Bottle Capacity : 1 Ltr.

Report No: 99-090123-01
Report Date: 18/01/2023
Sample Received On: 09/01/2023
Sampled By: Customer
Analysis Start Date: 09/01/2023
Analysis End Date: 17/01/2023

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Parameter	Test Method	Unit	Result
1 UV Light Efficacy	AES/MIC/SOP 78.0	-	Passes the Test

SUMMARY FOR UV LIGHT EFFICACY TEST

S. No.	Micro Organisms Used	Control Count in cfu without exposure	Test Count in cfu with 3 min. exposure	Reduction in % (As Compared to Control at time Zero)
1.	Staphylococcus aureus	2.1×10^5	60	>99.9
2.	Escherichia coli	5.8×10^5	40	>99.9
3.	Pseudomonas aeruginosa	4.6×10^5	1.1×10^2	>99.9
4.	Salmonella enterica	2.4×10^5	80	>99.9
5.	Bacillus subtilis	9.2×10^4	20	>99.9
6.	Vibrio cholerae	1.6×10^5	30	>99.9
7.	Shigella	3.9×10^5	1.4×10^2	>99.9
8.	Faecal streptococcus	7.4×10^4	20	>99.9
9.	Heterotrophic Plate Count	4.6×10^5	580	>99.9
10.	Candida albicans	6.6×10^4	5.9×10^2	99.1
11.	Aspergillus brasiliensis	1.2×10^4	50	99.5

Remarks: On the basis of above study the UV Light fitted in Bottle kills >99.9% of Gram -ve and gram +ve bacterial count and is much effective against bacteria as per standard. This UV Light is also effective against Fungal Count, It kill >99% of Fungal Count in 3 min. of expose time.

Note:- For Combined Bacterial Load this UV Light is also tested for Heterotrophic Plate Count which shows reduction of >99.9%



AUTHORISED SIGNATORY

Prabhat Soni
Head

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AES/QCD/F-7.8-I

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