Test Compound : FOAM SAFE
SPONSOR : INSTA SHEILD HYGIENE PVT LTD
CRO : MITTAL GLOBAL CLINICAL TRIAL SERVICES (MGCTS)
STUDY : 99.9% ANTIBACTERIAL & ANTIFUNGAL SHIELD
PROJECT NO : CCFT-2026-09-4454H
REPORT NO : MIET/CCFT/2026-09/4454H

5. Experiment details

A. Purpose of the Study:

To Check the 99.9% Antibacterial & Antifungal Activity

Results:

Test Results

Sr. No.	Test Parameter	Test Method	Result	Unit
BIOLOGICAL				
1	*Antimicrobial activity assessment*	ASTM 2315-16	Result refers below	-

Bacterial Strain(cfu/ml)	Remaining microbs(cfu/ml) after contact time								Test status
	Water + Culture (control)Initial count	Initial Count Log Value	Test sample+culture (Contact time -1 Minute)	Test sample+culture (Contact time -5 Minute)	Log Reduction: (1Min)	Percentage of reduction (1Min)	Log Reduction: (5 Min)	Percentage of reduction(5 Min)	
Escherichia.coli (MTCC 1687)	5600000	6.748188027	450	20	4.094975513	99.99196429	5.447158031	99.99964286	Pass
Staphylococcus aureus (MTCC 737)	3800000	6.579783597	310	14	4.088421903	99.99184211	5.433655561	99.99963158	Pass
Pseudomonas aeruginosa (MTCC1688)	6500000	6.812913357	120	<1	4.733732111	99.99815385	6.812913357	99.99998462	Pass
Candida albicans (MTCC183)	380000	5.579783597	890	<1	2.63039359	99.76578947	5.579783597	99.99973684	Pass
Aspergillus niger (MTCC281)	340000	5.531478917	600	<1	2.753327667	99.82352941	5.531478917	99.99970588	Pass

Acceptance: Minimum 3 Log Reduction

Acceptance Criteria: