

September 3, 2026

[FINISHED PRODUCT - APPLICATION SIMULATION]

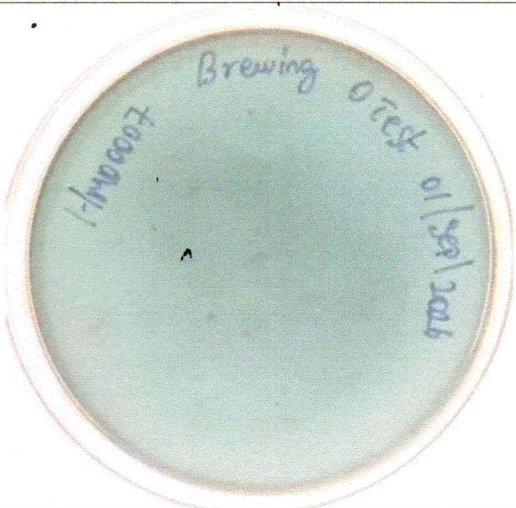
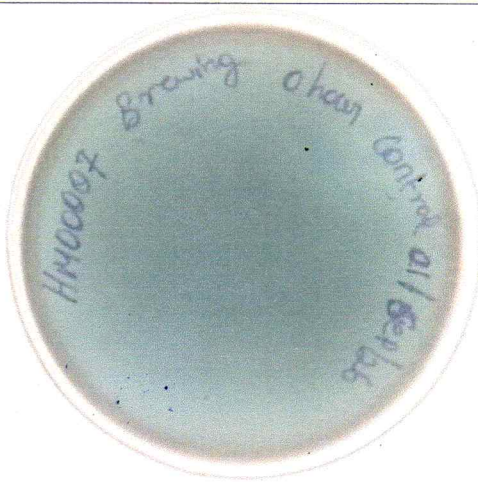
Product Tested: HeteroMight®

Batch tested: HM00007

FP number tested [one random finished product lot taken for test]: FP 1

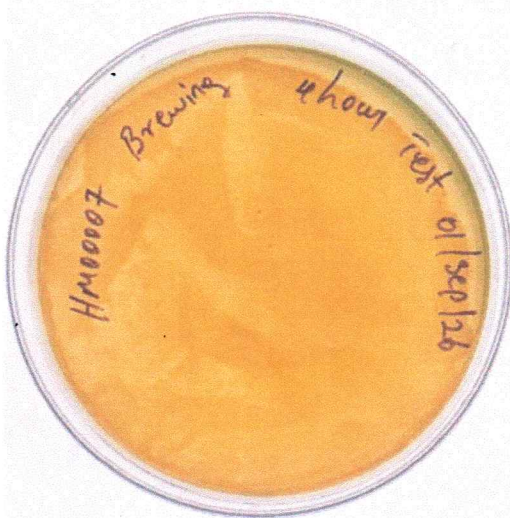
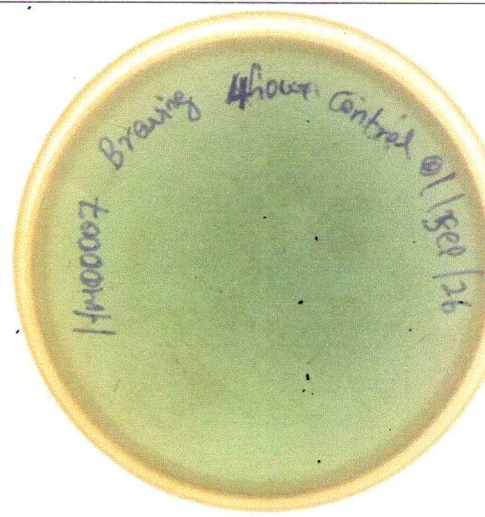
Brewing Set Up:

External aeration provided with air pump and the brewing carried out overnight.

<u>Parameters/additives</u>	<u>Test brewing [with HeteroMight]</u>	<u>Control Brewing [Negative control]</u>
Autoclaved sea water	1 Liter	1 Liter
Sugar	5 g	5 g
1000 ppm ammonia	1 mL (gives 1ppm)	1 mL (gives 1 ppm)
HeteroMight®	5 mL	NOT ADDED [NEGATIVE CONTROL]
Zero hour sample, TCBS agar neat plating with 0.1 mL sample		

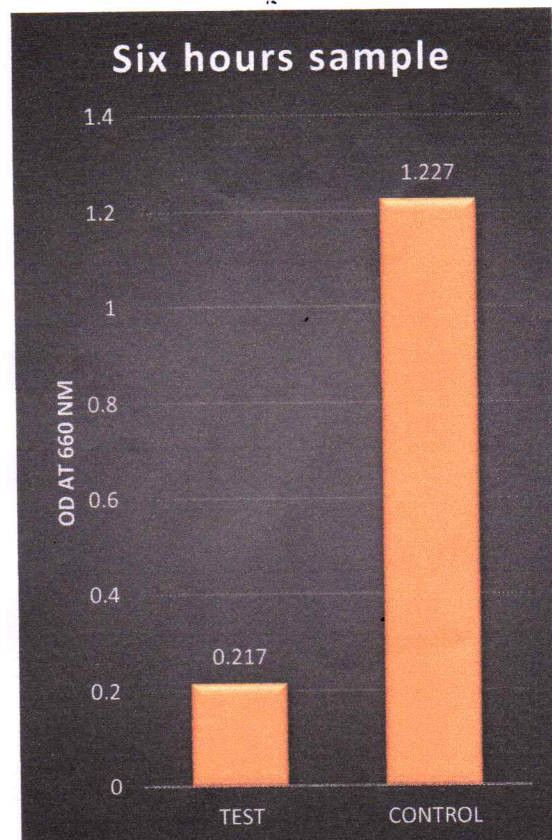
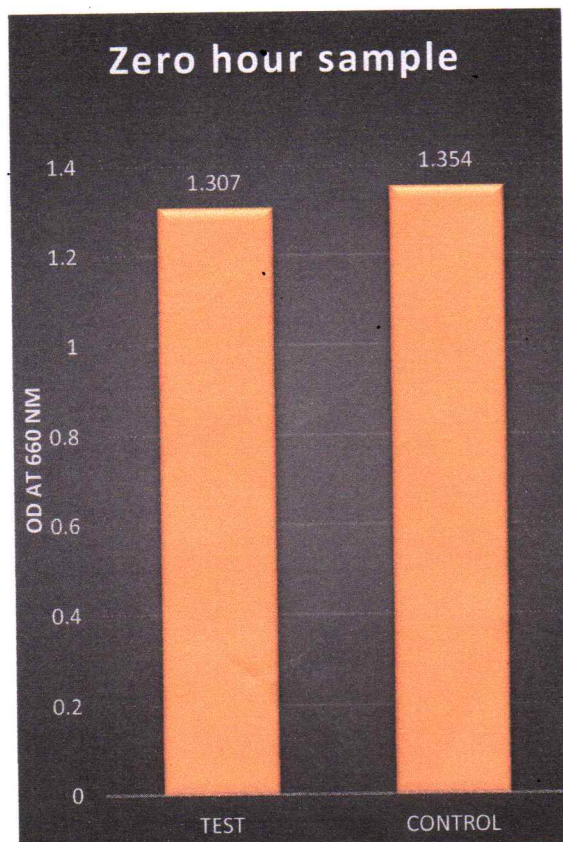
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Inference for zero hour sample plating	Vibrio not detected Plate count: NIL Expected outcome.	Vibrio not detected. Plate count: NIL Expected outcome.
Overnight sample, TCBS agar neat plating with 0.1 mL sample.		
Inference from Six hours sample plating	Vibrio growth is observed Plate count: TNTC Expected outcome	Vibrio not detected Plate count: NIL Expected outcome

Note: All culture plated incubated at 32 degree C until colonies were observed.

Ammonia level in brewing setup, is detected using Salicylate - Hypochlorite Assay:



Result:

Brewing for overnight yielded plate count of TNTC in TCBS agar with HeteroMight® application.

HeteroMight® application resulted in decrease of Ammonia with 6 hours treatment.

**QUALITY
APPROVED**