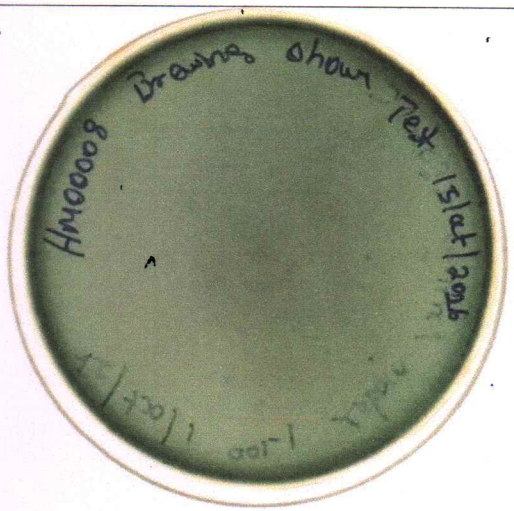
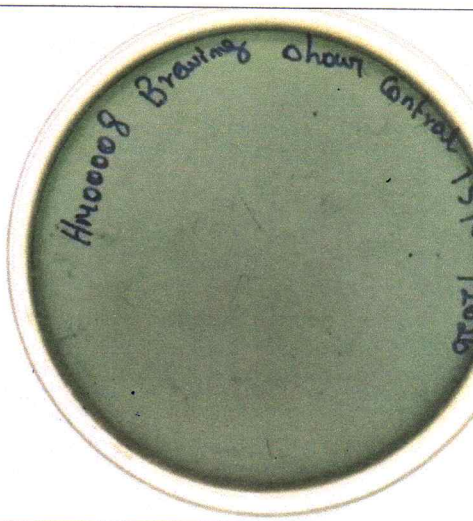
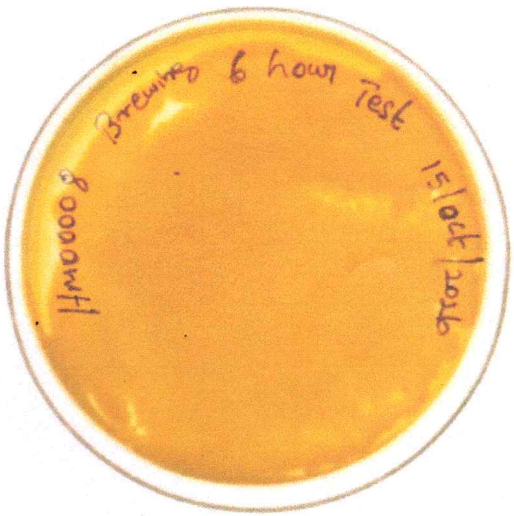
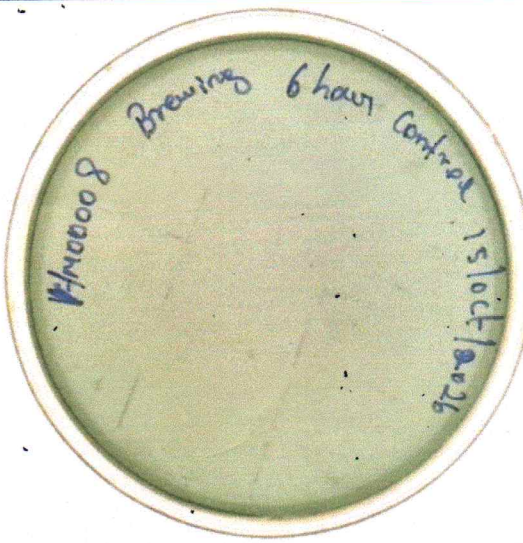
October 16, 2026

[FINISHED PRODUCT - APPLICATION SIMULATION]

Product Tested: HeteroMight®
Batch tested: HM00008
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 six hours.

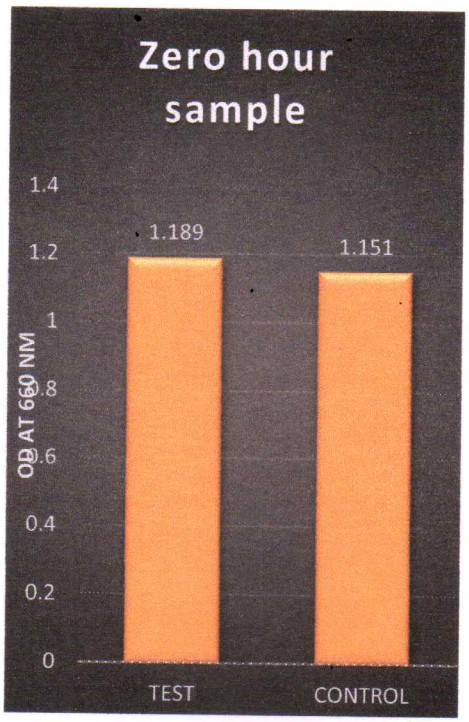
Parameters/additives	Test brewing [with HeteroMight]	Control Brewing [Negative contro
Autoclaved sea water	1 Liter	1 Liter
Sugar	5 g	5 g
1000 ppm ammonia	1 mL (gives 1ppm)	1 mL (gives 1 ppm)
HeteroMight®	5 mL	NOT ADDED [NEGATIVE CONTROL]
Zero hour sample, TCBS agar neat plating with 0.1 mL sample		

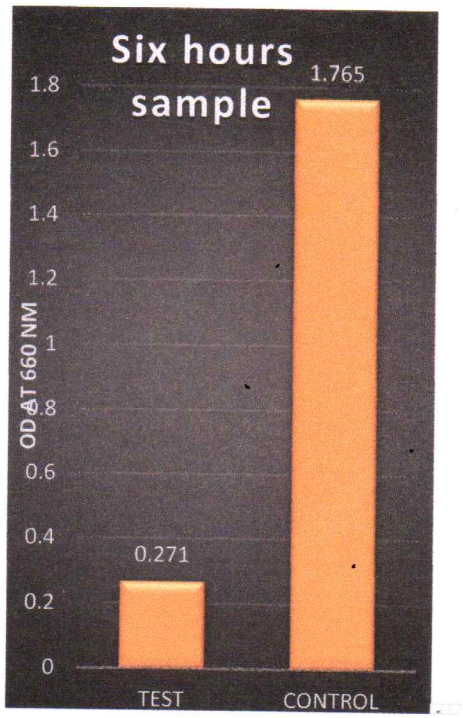
Inference for zero hour sample plating	Vibrio not detected Plate count: NIL Expected outcome.	Vibrio not detected. Plate count: NIL Expected outcome.
Overnight sample, TCBS agar neat plating with 0.1 mL sample.		
Inference from Six hours sample plating	Vibrio growth is observed Plate count: TNTC Expected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

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

October 16, 2026 [FINISHED PRODUCT - APPLICATION SIMULATION]

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