

08 October 2026

[FINISHED PRODUCT - APPLICATION SIMULATION]



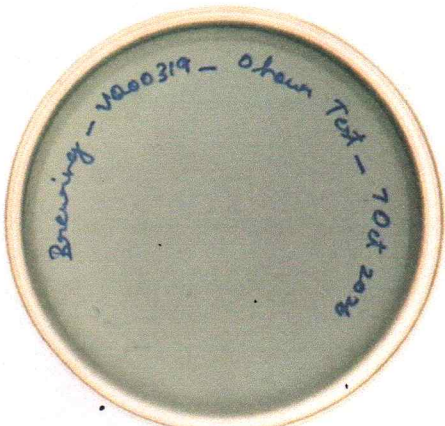
Product Tested: VibQuench®

Batch tested: VQ00319

FP number tested [one random finished product lot taken for test]: VQ00319_FP3

Brewing Set Up:

External aeration provided with air pump and the brewing carried out for 4 hours.

Parameters/additives	Test brewing [with VibQuench]	Control Brewing [Negative control]
Reverse osmosis purified water	1L	1L
Sodium chloride [MERCK, EMPARTA]	30 grams	30 grams
Jaggery	3 grams	3 grams
VibQuench® probiotic	5 mL	NOT ADDED [NEGATIVE CONTROL]
Zero hour sample, TCBS 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.

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4 hours sample, TCBS neat plating with 0.1 mL sample.		
Inference from 4 hour sample plating	Vibrio growth observed Plate count: TNTC Expected outcome	Vibrio not detected Plate count: NIL Expected outcome.

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

Result:

Brewing for 4 hours yielded plate count of TNTC in TCBS agar with VibQuench® application, while the negative control yielded plate count of NIL in TCBS agar.

**QUALITY
APPROVED**

S.K. Dindia