



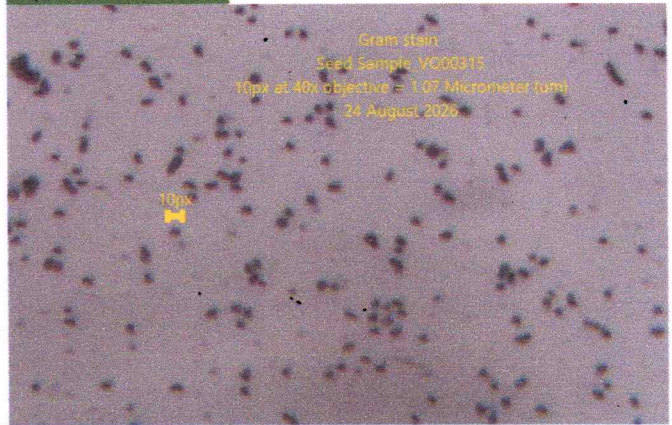
VibQuench® QC CHECK DATA:

TEST	Expected outcome	Actual outcome
STARTER CULTURE SAMPLE QC		
STARTER CULTURE SAMPLE, TCBS TEST	Yellow colony forming units with uniform colony morphology.	Expected outcome
MOTILITY TEST ON STARTER CULTURE SAMPLE.	Motile cells with Vibrio cell morphology to be observed across the drop.	Expected outcome

GRAM STAINING OF
STARTER CULTURE
SAMPLE.

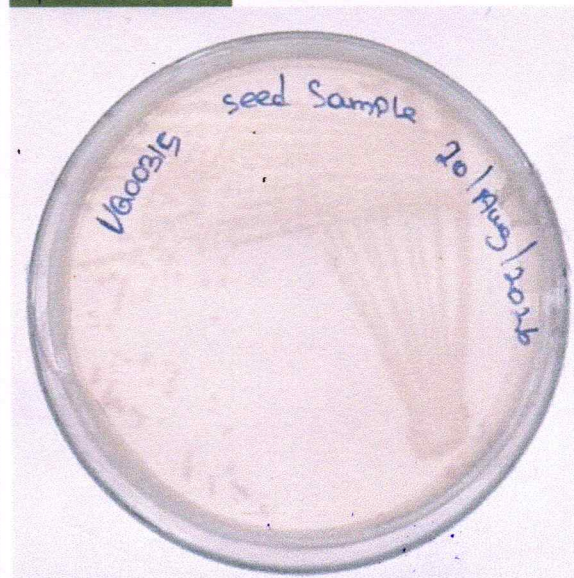
Gram negative cells
and presence of
Vibrio cell
morphology.
Observation to be
made in both 40x
and 100x objective.

Expected outcome

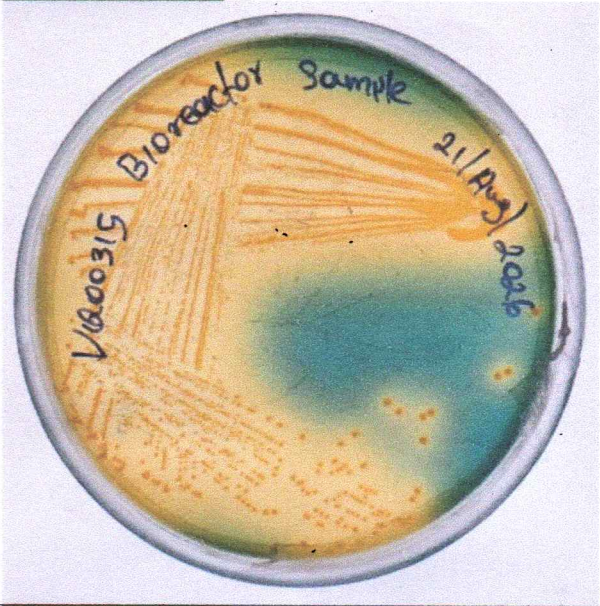
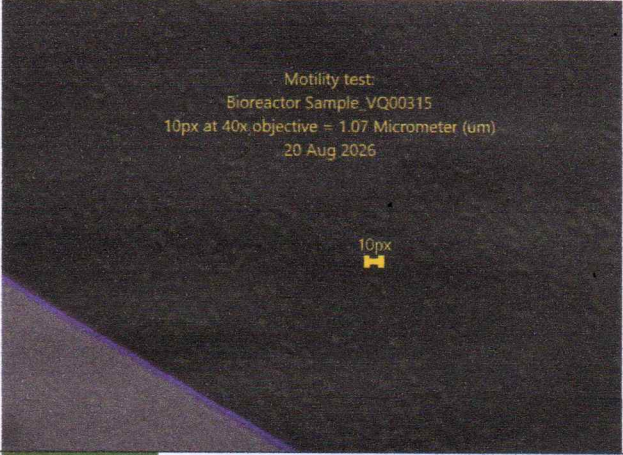
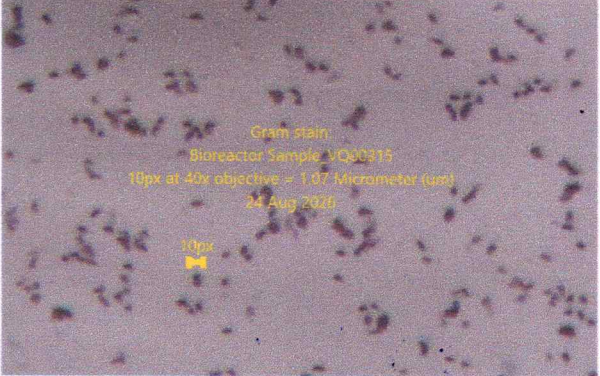
QUADRANT STREAK OF
SEED SAMPLE IN
NUTRIENT AGAR, 3%
NaCl.

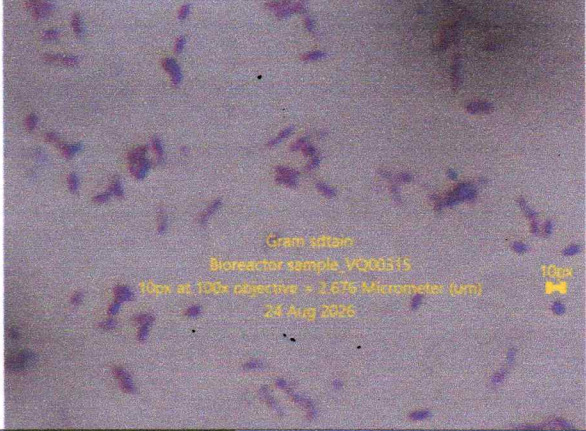
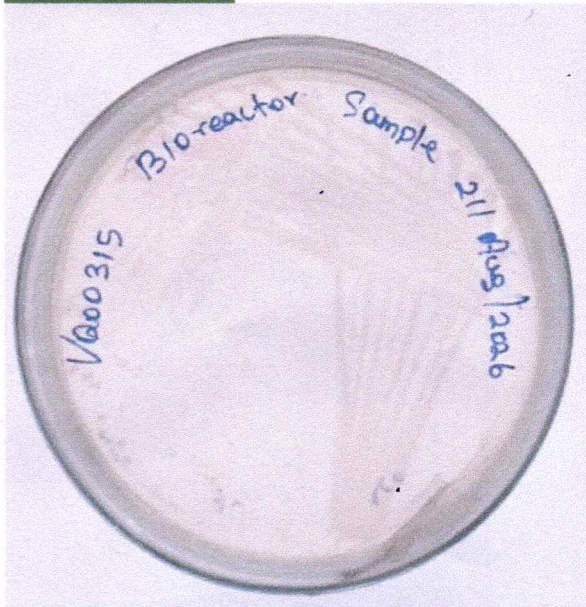
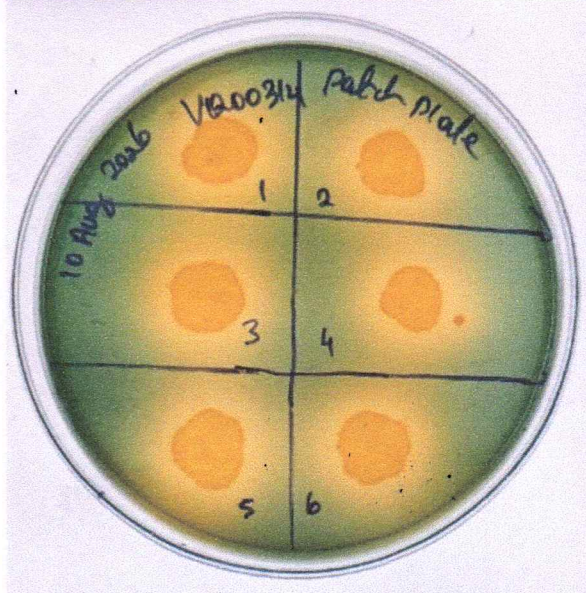
Uniform colony
forming units
without cross
contamination.

Expected outcome



BIO-REACTOR CULTURE SAMPLE QC

BIO-REACTOR CULTURE SAMPLE, TCBS TEST	Yellow colony forming units with uniform colony morphology.	Expected outcome 
MOTILITY TEST ON BIO-REACTOR CULTURE SAMPLE.	Motile cells with Vibrio cell morphology to be observed across the drop.	Expected outcome 
GRAM STAINING OF BIO-REACTOR CULTURE SAMPLE	Gram negative cells and presence of Vibrio cell morphology. Observation to be made in both 40x and 100x objective.	Expected outcome 

		
QUADRANT STREAK OF BIO-REACTOR CULTURE SAMPLE IN NUTRIENT AGAR, 3% NaCl.	Uniform colony forming units without cross contamination.	Expected outcome. 
TCBS PATCH TEST, RESULTS FOR 6 CFU FROM THE AXENIC BROTH CULTURE	Yellow CFU to be obtained from all 6 culture aliquot patched.	Expected outcome. 

OD₆₀₀

SPECTROPHOTOMETER
RESULTS FROM BIO-
REACTOR CULTURE
SAMPLE (water blank)

Minimum of 1 OD₆₀₀
growth expected.

Expected outcome. OD₆₀₀= 1.749

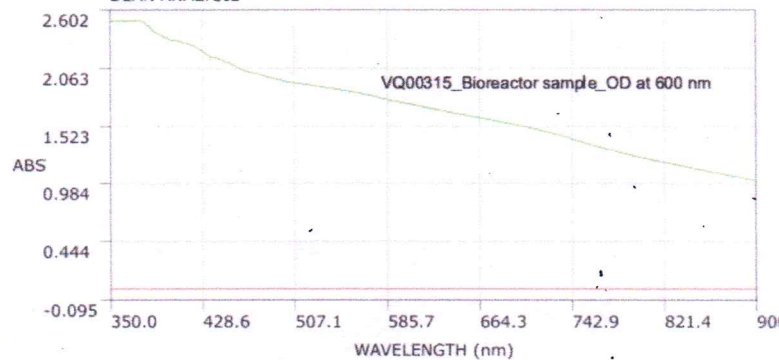
SYSTRONICS
VIS Double Beam Spectro - 1203

Date : 21-08-2026

Time : 02-24-30 PM

Name : Systronics
Sample ID :

SCAN ANALYSIS



LEGENDS:

Blank read

VQ00315_Bioreactor sample_OD at 600 nm

POINT PICK

Wavelength	ABS
600.0	1.749



VQ00315_Bioreactor sample_OD at 600 nm.rar

PH VALUE =6.25

QUALITY
APPROVED