

HeteroMight® QC CHECK DATA:

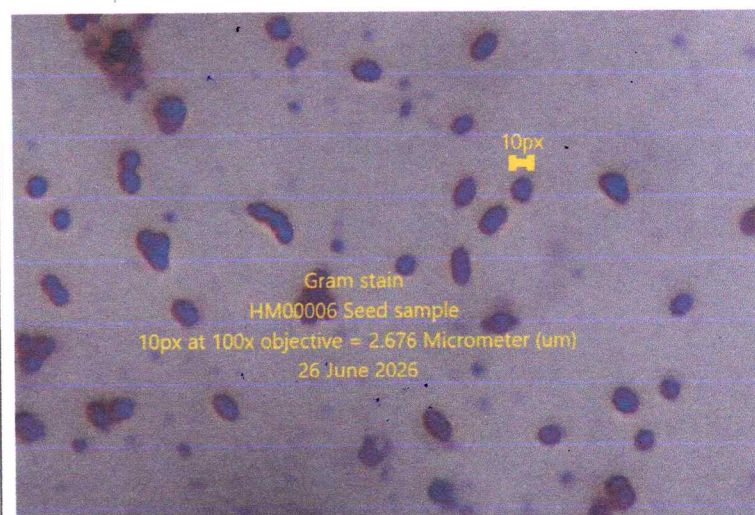
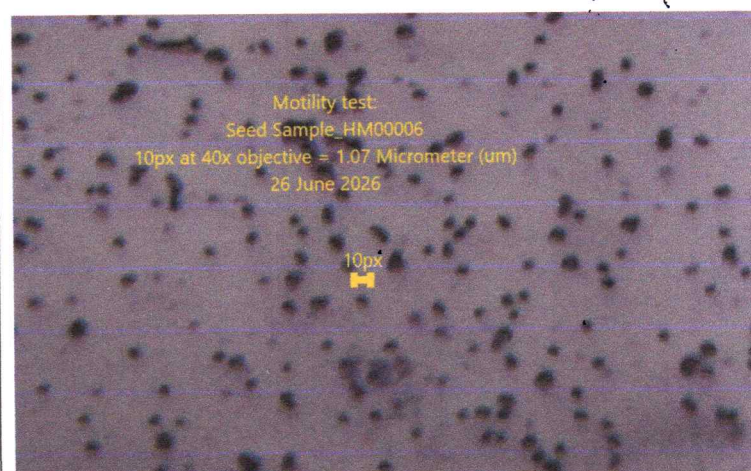
TEST	Expected outcome	Actual outcome
STARTER CULTURE SAMPLE QC		
STARTER CULTURE SAMPLE, TCBS TEST	Yellow colony forming units with uniform colony morphology of <i>Vibrio diabolus</i> (HeteroMight 64).	Expected outcome
STARTER CULTURE SAMPLE, NUTRIENT AGAR TEST	Colony forming units with uniform colony morphology of <i>Vibrio</i> sp. (HeteroMight 44)	Expected outcome

**MOTILITY TEST ON
STARTER CULTURE
SAMPLE.**

Motile cells having
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 400x
and 1000x
magnification.

Expected outcome

BIO-REACTOR CULTURE SAMPLE QC

BIO-REACTOR
CULTURE SAMPLE,
TCBS TEST

Yellow colony
forming units with
uniform colony
morphology of
Vibrio diabolus
(HeteroMight 64).

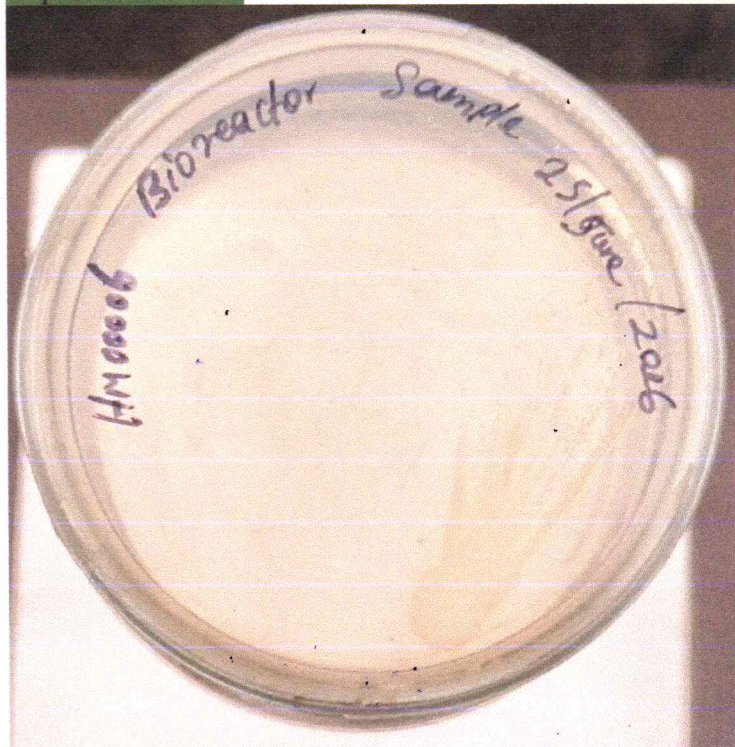
Expected outcome

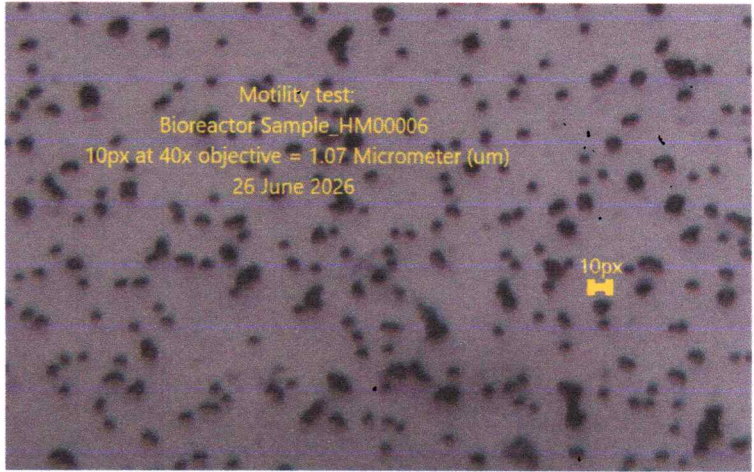
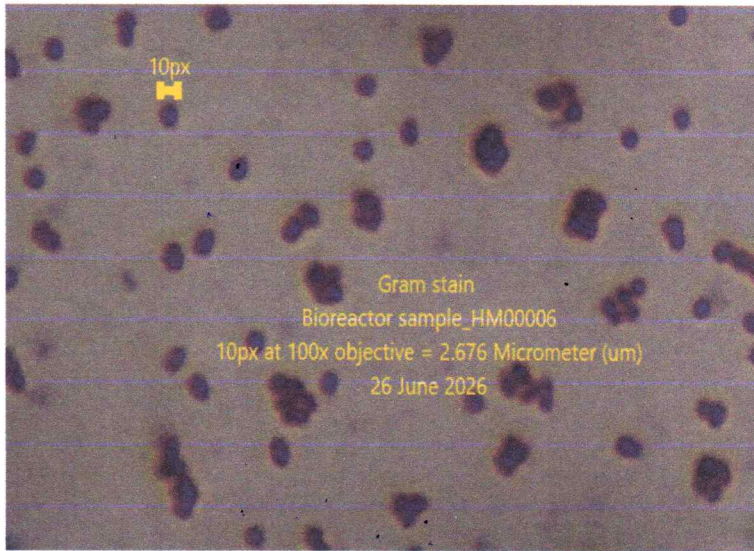


BIO-REACTOR
CULTURE SAMPLE,
NUTRIENT AGAR
TEST

Yellow colony
forming units with
uniform colony
morphology of
Vibrio sp.
(HeteroMight 44).

Expected outcome



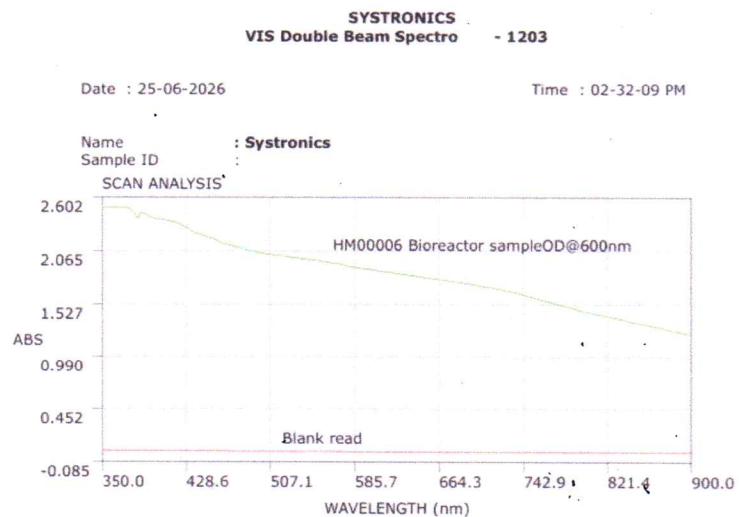
MOTILITY TEST ON BIO-REACTOR CULTURE SAMPLE.	Motile cells with Vibrio cell morphology to be observed across the drop.	 Motility test: Bioreactor Sample_HM00006 10px at 40x objective = 1.07 Micrometer (um) 25 June 2026 10px
GRAM STAINING OF BIO-REACTOR CULTURE SAMPLE.	Gram negative cells and presence of Vibrio cell morphology. Observation to be made in both 400x and 1000x magnification.	 Motility test: Bioreactor Sample_HM00006 10px at 40x objective = 1.07 Micrometer (um) 26 June 2026 10px  10px Gram stain Bioreactor sample_HM00006 10px at 100x objective = 2.676 Micrometer (um) 26 June 2026

OD₆₀₀
SPECTROPHOTOMET
ER RESULTS FROM
BIO-REACTOR
CULTURE SAMPLE
(water blank)

Minimum of 1
OD₆₀₀ growth
expected.

Expected outcome.

OD₆₀₀ = 1.883



LEGENDS:

Blank read

HM00006 Bioreactor sampleOD@600nm

POINT PICK

Wavelength	ABS
600.0	1.883



HM00006 Bioreactor sampleOD@600nm.rar

June 27, 2026

[HETEROMIGHT MASTER QC REPORT]

TCBS SPREAD
PLATING FOR
PURITY CHECK

Yellow colony
forming
units/yellow lawn
should be seen in
TCBS plate.



**QUALITY
APPROVED**