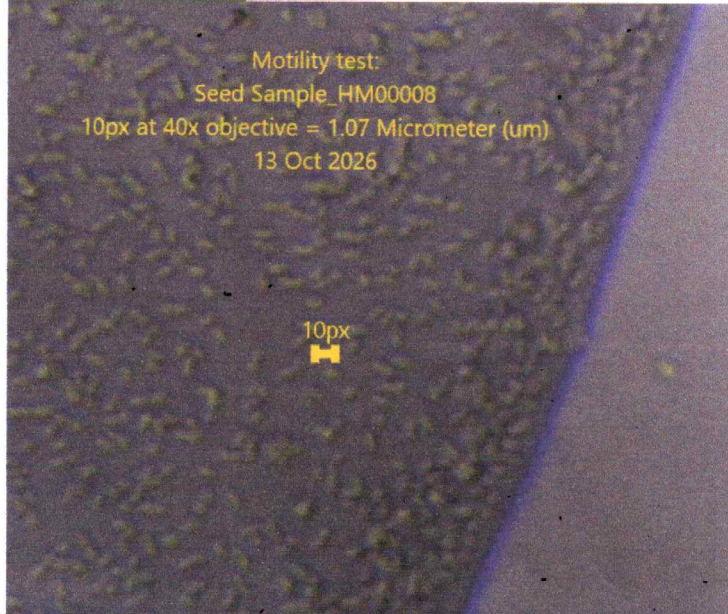
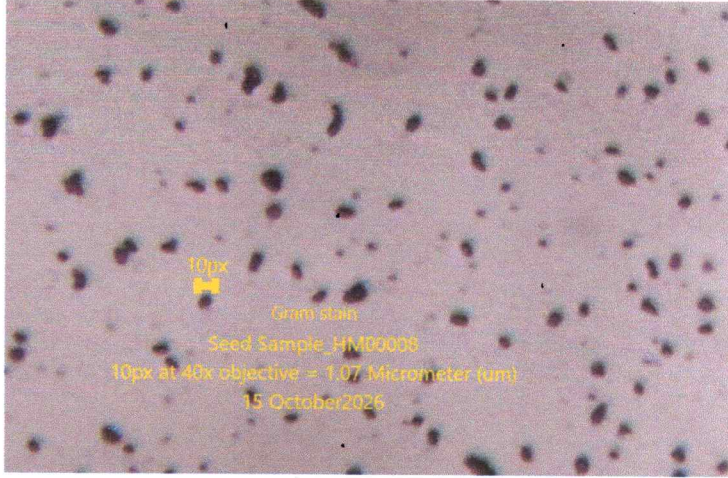
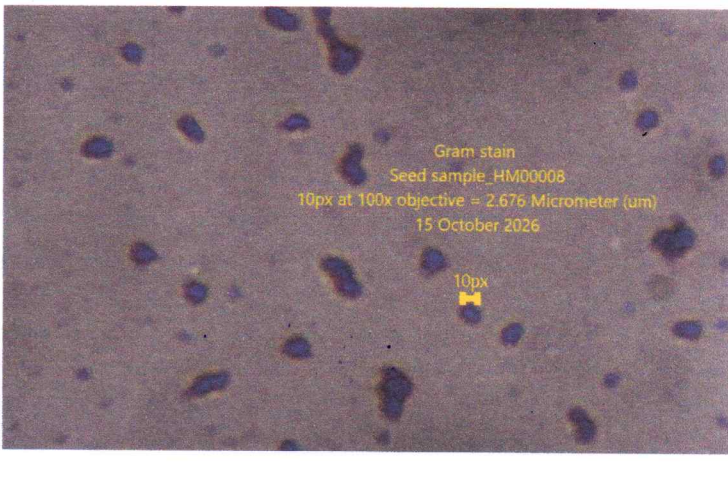




### HeteroMight® QC CHECK DATA:

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

|                                          |                                                                                                                          |                                                                                                             |
|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| MOTILITY TEST ON STARTER CULTURE SAMPLE. | Motile cells having Vibrio cell morphology to be observed across the drop.                                               | <p>Expected outcome</p>   |
| 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. | <p>Expected outcome</p>  |
|                                          |                                                                                                                          |                         |

**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

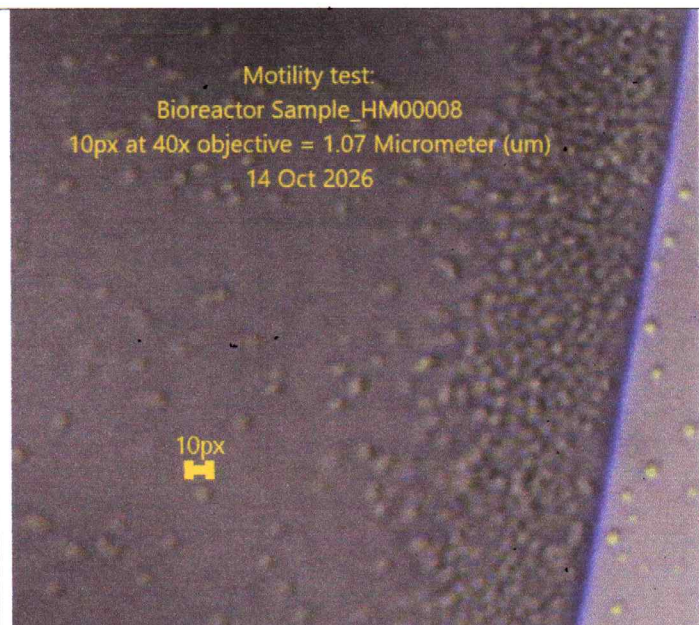
Yellow colony  
forming units with  
uniform colony  
morphology of  
*Vibrio* sp.  
(HeteroMight 44).

Expected outcome



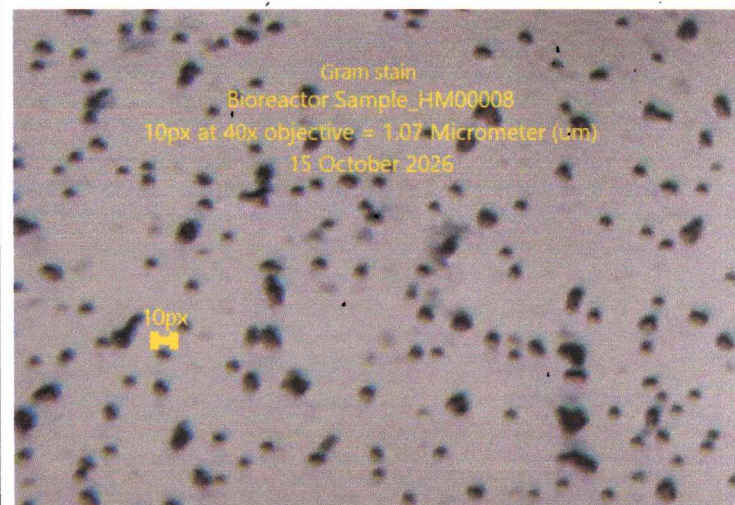
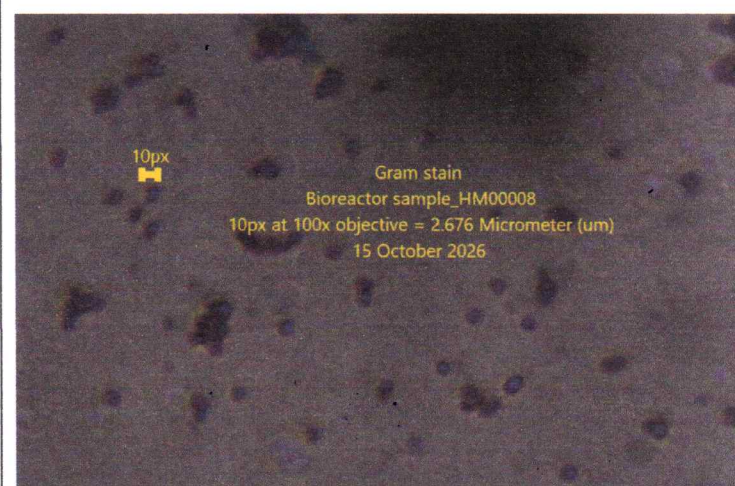
MOTILITY TEST ON  
BIO-REACTOR  
CULTURE SAMPLE.

Motile cells with  
Vibrio cell  
morphology to be  
observed across the  
drop.



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.



OD<sub>600</sub>  
SPECTROPHOTOMET  
ER RESULTS FROM  
BIO-REACTOR  
CULTURE SAMPLE  
(water blank)

Minimum of 1  
OD<sub>600</sub> growth  
expected.

Expected outcome:

OD<sub>600</sub>= 1.943

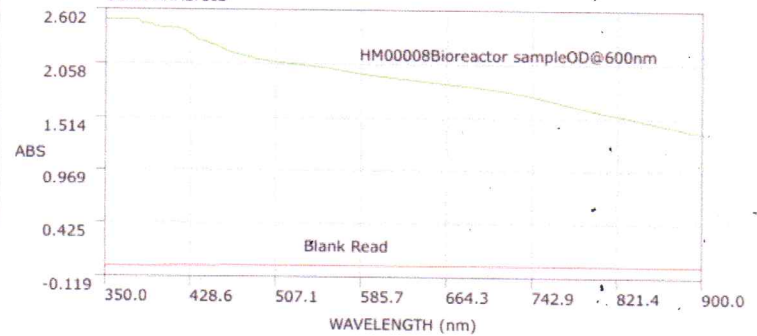
SYSTRONICS  
VIS Double Beam Spectro - 1203

Date : 14-10-2026

Time : 03-59-25 PM

Name : Systronics  
Sample ID :

SCAN ANALYSIS



LEGENDS:

Blank Read

HM00008 Bioreactor sampleOD@600nm

POINT PICK

| Wavelength | ABS   |
|------------|-------|
| 600.0      | 1.943 |



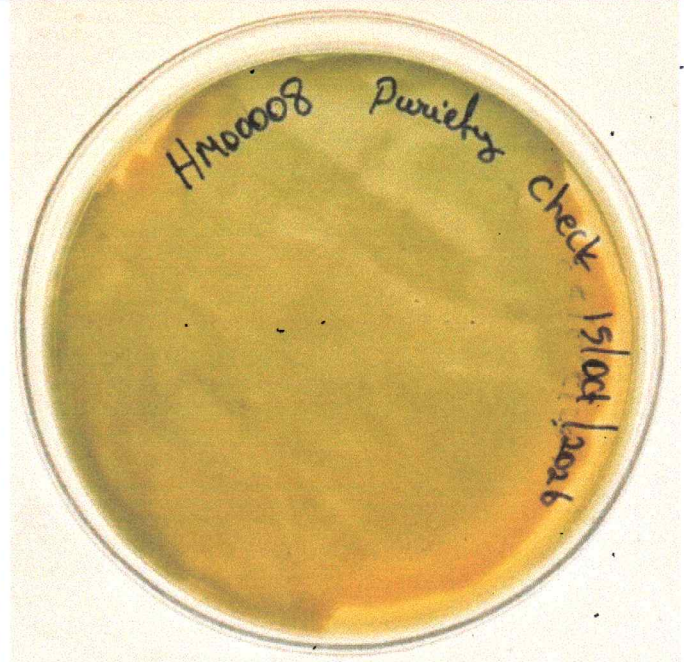
HM00008 Bioreactor sampleOD@600nm.rar

October 16, 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