

## MICROBIAL COUNT

### REFERENCE DOCUMENT: SOP NO. BIOL 007

| MICROBIOLOGY LAB NO.   | DATE RECEIVED                                       | DATE TEST SET                          | DATE OF RESULTS                 |
|--|---|--|---------------------------------|
| BIOL/001/2018  | 2018-06-28 09:31:29                                 | 06-Jul-2018                            | 11-Jul-2018                     |
| <b>SAMPLE PREPARATION</b>  |   |  |                                 |
| <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">             10ml<br/>_____<br/>100ml BPW           </div> <div style="text-align: center;">X</div> <div style="text-align: center;">             10ml<br/>_____<br/>100ml BPW           </div> <div style="text-align: center;">X</div> <div style="text-align: center;">             1ml<br/>_____<br/>1ml Plating           </div> <div style="margin-left: 20px;">Replicates: 2</div> </div> |   |  |                                 |
| <div style="display: flex; justify-content: space-between;"> <span>0</span> <span>0</span> </div>  |   |  |                                 |
| <b>RESULTS</b>   |   |  |                                 |
|  |   | 10 <sup>1</sup> CFU<br><b>&lt;10</b>   | 10 <sup>2</sup> CFU<br><b>0</b> |
|  |   | 10 <sup>3</sup> CFU<br><b>0</b>        | Negative Control                |
| <b>Nutrient Agar</b>   | Plate 1   |  |                                 |
|  | Plate 2   | 0                                      | 0                               |
|  | Average (A): CFU<br>(Total Aerobic Microbial Count) | 0                                      | 0                               |
|  |   | <10                                    | 0                               |
| <b>Sabourauds Dextrose Agar</b>  | Plate 1   |  |                                 |
|  | Plate 2   | <10                                    | 0                               |
|  | Average (B): CFU<br>(Total Yeast Microbial Count)   |  |                                 |
| <b>NB: Acceptance Criteria is interpreted as follows depending on route of administration</b><br>– 10 <sup>1</sup> cfu: maximum acceptable count = 20; 10 <sup>2</sup> cfu: maximum acceptable count = 200; 10 <sup>3</sup> cfu: maximum acceptable count = 2000; and so forth.  |   |  |                                 |
| <b>CONCLUSION:</b><br>The Product  |   | <b>Complies</b>                        |                                 |
|  |   | <b>Does Not Comply</b>                 |                                 |
| <b>Analyst:</b>  |   | <b>Head, Biological Analysis Unit:</b> |                                 |
| Date:  |   | Date:                                  |                                 |
| <b>Analyst:</b>  |   | Signature:                             |                                 |
| Date:  |   |  |                                 |

# TEST FOR SPECIFIED MICROORGANISMS

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| MICROBIOLOGY LAB NO.   |            | DATE RECEIVED       |   | DATE TEST SET |  | DATE OF RESULTS |  |
|--|------------|---------------------|---|---------------|--|-----------------|--|
| BIOL/001/2018  |            | 2018-06-28 09:31:29 |   | 06-Jul-2018   |  | 11-Jul-2018     |  |
| SAMPLE PREPARATION   |            |                     |   |               |  |                 |  |
| <div> <div>10ml</div> <div>X</div> <div>10ml</div> <div>X</div> <div>1ml</div> <div>Replicates: 2</div> </div> <div> <div>100ml BPW</div> <div>100ml BPW</div> <div>1ml Plating</div> </div> |            |                     |   |               |  |                 |  |
| <div>0</div> <div>0</div>  |            |                     |   |               |  |                 |  |
| RESULTS  |            |                     |   |               |  |                 |  |
| Microorganism  | Test Media | Observation         | Negative Control  |               |  |                 |  |
|  |            | <10                 | 0   |               |  |                 |  |
|  |            | 0                   | 0   |               |  |                 |  |
|  |            | 0                   | 0   |               |  |                 |  |
|  |            | <10                 | 0   |               |  |                 |  |
|  |            | <10                 | 0   |               |  |                 |  |
|  |            |                     |   |               |  |                 |  |
| <b>Observation</b> - Indicate whether there is growth/turbidity/colour change in the test media or Not.  |            |                     |   |               |  |                 |  |
| CONCLUSION: The Product  |            | Complies            | With the requirements of the Test for Specified Microorganisms. |               |  |                 |  |
|  |            | Does Not Comply     |   |               |  |                 |  |
| Analyst:   |            |                     | Head, Biological Analysis Unit:                                 |               |  |                 |  |
| Date:  |            |                     | Date:   |               |  |                 |  |
| Analyst:   |            |                     | Signature:  |               |  |                 |  |
| Date:  |            |                     |   |               |  |                 |  |