## MICROBIAL COUNT

## REFERENCE DOCUMENT: SOP NO. BIOL 007

| MICROBIOLO<br>BIOL/00  |                                  | 2016-02-01 10                                  |                                    | DATE TEST SET 2 04-Mar-2016     |  | DATE OF RESULTS 07-Mar-2016 |                     |  |  |  |  |
|--|----------------------------------|--|------------------------------------|---------------------------------|--|-----------------------------|---------------------|--|--|--|--|
| SAMPLE PREPARATION   |                                  |  |                                    |                                 |  |                             |                     |  |  |  |  |
| 10g ml 1ml ————————————————————————————————————  |                                  |  |                                    |                                 |  |                             |                     |  |  |  |  |
|  |                                  |  | 168                                |                                 |  | 0                           |                     |  |  |  |  |
| RESULTS 243 0  |                                  |  |                                    |                                 |  |                             |                     |  |  |  |  |
|  |                                  |  | 10 <sup>1</sup> CFU<br>20          | 10 <sup>2</sup> CF<br><b>55</b> | U 1  | 0 <sup>3</sup> CFU<br><10   | Negative<br>Control |  |  |  |  |
| Nutrient Agar  | Plate 1                          |  |                                    |                                 |  |                             |                     |  |  |  |  |
|  | Plate 2                          |  | 32                                 |                                 |  | 0                           |                     |  |  |  |  |
|  | Average (A): C<br>(Total Aerobic | FU<br>Microbial Count)                         | 66                                 |                                 |  | 0                           |                     |  |  |  |  |
|  |                                  | ·  | 49                                 |                                 |  | <10                         | Negative<br>Control |  |  |  |  |
| Sabourauds<br>Dextrose<br>Agar   | Plate 1                          |  |                                    |                                 |  |                             |                     |  |  |  |  |
|  | Plate 2                          |  |                                    |                                 |  |                             |                     |  |  |  |  |
|  |                                  | verage (B): CFU<br>otal Yeast Microbial Count) |                                    |                                 |  |                             |                     |  |  |  |  |
| NB: Acceptance Criteria is interpreted as follows depending on route of administration  - 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.  No |                                  |  |                                    |                                 |  |                             |                     |  |  |  |  |
| CONCLUSION The Produc  |                                  | Complies                                       |                                    |                                 | With the requirements of the Microbial Enumeration Test. |                             |                     |  |  |  |  |
|  |                                  | Does Not Comply                                |                                    |                                 |  |                             |                     |  |  |  |  |
| Analyst:   |                                  | ·  | Head, Biological<br>Analysis Unit: |                                 |  |                             |                     |  |  |  |  |
| Date:  |                                  |  |                                    | Date:                           |  |                             |                     |  |  |  |  |
|  | Analyst:                         |  | C:                                 |                                 |  |                             |                     |  |  |  |  |
|  | Date:                            |  | Signature:                         |                                 |  |                             |                     |  |  |  |  |

## TEST FOR SPECIFIED MICROORGANISMS

| BIOL/001/2016<br>MICROBIOLOGY LAB NO.   |                          | 2016-02-01 10:15:02<br>DATE RECEIVED |                    | 04-Mar-2016<br>DATE TEST SET                    | 07-M<br>DAT | 07-Mar-2016 DATE OF RESULTS |  |  |  |  |  |
|---|--------------------------|--------------------------------------|--------------------|---|-------------|-----------------------------|--|--|--|--|--|
|   |                          |                                      |                    |   |             |                             |  |  |  |  |  |
| SAMPLE PREPARATION  |                          |                                      |                    |   |             |                             |  |  |  |  |  |
| 10g<br>————————————————————————————————————   | m X ——— reptone Wa ml Pe | I 1m<br>                             |                    | Replicates: 2                                   |             |                             |  |  |  |  |  |
|   |                          |                                      | 168                | 0   |             |                             |  |  |  |  |  |
|   |                          | RESI                                 | ULTS               |   | _           |                             |  |  |  |  |  |
| Microorganism   | Test Media               |                                      | 243<br>Observation |   |             | Negative                    |  |  |  |  |  |
|   |                          |                                      |                    | 2055  | <           | 10 Control                  |  |  |  |  |  |
|   |                          |                                      |                    |   |             |                             |  |  |  |  |  |
|   |                          |                                      | 32                 |   | 0           |                             |  |  |  |  |  |
|   |                          |                                      |                    | 66  |             |                             |  |  |  |  |  |
|   |                          |                                      |                    | 490   |             | 10                          |  |  |  |  |  |
|   |                          |                                      |                    |   |             |                             |  |  |  |  |  |
|   |                          |                                      |                    |   |             |                             |  |  |  |  |  |
| <b>Observation</b> – Indicate whether there is growth/turbidity/colour change in the test media or Not. |                          |                                      |                    |   |             |                             |  |  |  |  |  |
| CONCLUSION:<br>The Product  | <b>N</b> Complies        |                                      | With               | With the requirements of the Test for Specified |             |                             |  |  |  |  |  |
|   | Does                     | s Not Comply                         | Micro              | oorganisms.                                     |             | •                           |  |  |  |  |  |
| Analyst:  |                          |                                      |                    | Head, Biological<br>Analysis Unit:              |             |                             |  |  |  |  |  |
| Date:   |                          |                                      |                    | Date:   |             |                             |  |  |  |  |  |
| Analyst:  |                          |                                      |                    | 2.  |             |                             |  |  |  |  |  |
| Date:   |                          |                                      |                    | Signature:                                      |             |                             |  |  |  |  |  |