## MICROBIAL COUNT

**REFERENCE DOCUMENT: SOP NO. BIOL 007**

| MICROBIOLOGY LAB NO. | DATE RECEIVED | DATE TEST SET | DATE OF RESULTS |
|---|---|---|---|
| BIOL/001/2015 | 2015-10-14 07:45:08 | 19-Oct-2015 | 23-Oct-2015 |

**SAMPLE PREPARATION**

$$\frac{10g}{10ml\ 100} \times \frac{100ml}{4ml\ 100} \times \frac{1ml}{1ml\ Plating}$$

Replicates: 2

0 0

0 0

**RESULTS**

| | | $10^1$ CFU | $10^2$ CFU | $10^3$ CFU | Negative Control |
|---|---|---|---|---|---|
| | | **0** | | **0** | |
| **Nutrient Agar** | Plate 1 | | | | |
| | Plate 2 | 0 | | 0 | |
| | **Average (A): CFU (Total Aerobic Microbial Count)** | 0 | | 0 | |
| | | 0 | | 0 | **Negative Control** |
| **Sabourauds Dextrose Agar** | Plate 1 | | **<100 CFU** | | |
| | Plate 2 | | | | |
| | **Average (B): CFU (Total Yeast Microbial Count)** | | | | |

**NB: Acceptance Criteria is interpreted as follows depending on route of administration**

Yes

- $10^1$ cfu: maximum acceptable count = 20; $10^2$ cfu: maximum acceptable count = 200; $10^3$ cfu: maximum acceptable count = 2000; and so forth.

| | | | |
|---|---|---|---|
| **CONCLUSION**: The Product | | **Complies** | With the requirements of the Microbial Enumeration Test. |
| | | **Does Not Comply** | |

| | | | |
|---|---|---|---|
| **Analyst:** | | **Head, Biological Analysis Unit:** | |
| Date: | | Date: | |
| **Analyst:** | | Signature: | |
| Date: | | | |

**TEST FOR SPECIFIED MICROORGANISMS**

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**SAMPLE PREPARATION**

$$\frac{10g}{10ml\ 100} \times \frac{100ml}{4ml\ 100} \times \frac{1ml}{1ml\ Plating}$$

Replicates: 2

**RESULTS**

| Microorganism | Test Media | Observation | Negative Control |
|---|---|---|---|
| | | | |
| | | 0 | 0 |
| | | 0 | 0 |
| | | 0 | 0 |
| | | **<100 CFU** | |
| | | | |

**Observation –** 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: | | | |