

MICROBIAL COUNT

REFERENCE DOCUMENT: SOP NO. BIOL 007

MICROBIOLOGY LAB NO.	DATE RECEIVED	DATE TEST SET	DATE OF RESULTS
SAMPLE PREPARATION			
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> $\frac{\text{_____}}{\text{ml}} \times \frac{\text{_____ ml}}{\text{ml}} \times \frac{\text{_____ 1ml}}{\text{ml}}$ </div> <div style="text-align: center;"> \times </div> <div style="text-align: center;"> \times </div> <div style="text-align: center;"> _____ ml Plating </div> <div style="margin-left: 20px;"> Replicates: _____ </div> </div>			
RESULTS			
		10¹ CFU	10² CFU
		10³ CFU	Negative Control
Nutrient Agar	Plate 1		
	Plate 2		
	Average (A): CFU (Total Aerobic Microbial Count)		
			Negative Control
Sabourauds Dextrose Agar	Plate 1		
	Plate 2		
	Average (B): CFU (Total Yeast Microbial Count)		
<u>NB: Acceptance Criteria is interpreted as follows depending on route of administration</u> – 10 ¹ cfu: maximum acceptable count = 20; 10 ² cfu: maximum acceptable count = 200; 10 ³ cfu: maximum acceptable count = 2000; and so forth. <div style="text-align: center;">No</div>			
CONCLUSION: The Product		Complies	
		Does Not Comply	
Analyst:		Head, Biological Analysis Unit:	
Date:		Date:	
Analyst:		Signature:	
Date:			

TEST FOR SPECIFIED MICROORGANISMS

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SAMPLE PREPARATION			
<div> <div> <div>_____</div> <div>ml</div> </div> <div>X</div> <div> <div>_____</div> <div>ml</div> </div> <div>X</div> <div> <div>_____</div> <div>1ml</div> </div> <div>ml Plating</div> </div> <div>Replicates:</div>			
RESULTS			
Microorganism	Test Media	Observation	Negative Control
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:			