CERTIFICATE OF ANALYSIS, QUALITY AND CONFORMITY

Product Name: Blood agar + MacConkey Agar Bi plate	
Product Code: BP003-10PL	**Expiry Date: 27/10/2019**
Lot Number: 06030719	**Release Date: 15/07/2019**
Analytical Report Number: QAD/AR-19/07-0738	**Page No: 1 of 2**

PREPARED PLATES			
TEST CONDUCTED	**SPECIFICATION**	**OBSERVATIONS**	**REMARKS**
BLOOD AGAR IN BI-PLATE			
Color of Final Medium	Cherry Red Colored medium	Cherry Red Colored medium	Complies
Clarity after autoclaving	Opaque gel forms in petri-plates.	Opaque gel formed in petri-plates.	Complies
pH (After sterilization)	7.10 to 7.50	7.50	Complies
Gel Strength	Firm as compared to 1.7% Agar gel	Firm as compared to 1.7% Agar gel	Complies
Quantity of Medium in Plates	10 to 15 ml	12ml	Complies
Sterilization	Autoclaving at 15 lbs Pressure (121°C) for 20 minutes.	Autoclaving at 15 lbs Pressure (121°C) for 20 minutes.	Complies
MACCONKEY AGAR IN BI-PLATE			
Colour of Final Medium	Reddish colored medium	Reddish colored medium	Complies
Clarity after autoclaving	Clear to slightly opalescent gel forms in petri-plates.	Clear to slightly opalescent gel formed in petri-plates.	Complies
pH	6.90 to 7.30	7.30	Complies
Gel Strength	Firm as compared to 1.5% Agar gel	Firm as compared to 1.5% Agar gel	Complies
Quantity of Medium in Plates	10 to 15 ml	12ml	Complies
Sterilization	Autoclaving at 15 lbs Pressure (121°C) for 20 minutes.	Autoclaving at 15 lbs Pressure (121°C) for 20 minutes.	Complies
PREINCUBATION CHECK OF BIPLATE			
Pre Incubation Check	No growth observed after incubation at 30-35 °C for 24 - 48 hrs	No growth observed after incubation at 30-35 °C for 24 - 48 hrs	Complies

CULTURAL PARAMETERS:

BLOOD AGAR				
Organisms	**Incubation time/ temp**	**Growth**	**Pattern of Haemolysis**	**Remarks**
Staphylococcus aureus ATCC 25923	35 – 37 °C/ 24 - 48 hrs.	Luxuriant	Beta	Complies
Streptococcus pneumoniae ATCC 6303	35 – 37 °C / 24 - 48 hrs.	Luxuriant	Alpha	Complies
Streptococcus pyogenes ATCC 19615	35 – 37 °C / 24 - 48 hrs.	Luxuriant	Beta	Complies

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CULTURAL PARAMETERS:

MACCONKEY AGAR				
Organisms	**Incubation time/ temp**	**Growth**	**Color of Colonies**	**Remarks**
Enterobacter aerogenes ATCC 13048	35 – 37 °C/ 24 - 48 hrs.	Luxuriant	Pink	Complies
Escherichia coli ATCC 25922	35 – 37 °C/ 24 - 48 hrs.	Luxuriant	Pink with bile precipitation	Complies
Proteus vulgaris ATCC 13315	35 – 37 °C/ 24 - 48 hrs.	Luxuriant	Colorless	Complies
Salmonella enteritidis ATCC 13076	35 – 37 °C/ 24 - 48 hrs.	Luxuriant	Colorless	Complies
Salmonella typhi ATCC 6539	35 – 37 °C/ 24 - 48 hrs.	Luxuriant	Colorless	Complies
Salmonella paratyphi A	35 – 37 °C/ 24 - 48 hrs.	Luxuriant	Colorless	Complies
Salmonella paratyphi B	35 – 37 °C/ 24 - 48 hrs.	Luxuriant	Colorless	Complies
Shigella flexneri ATCC 12022	35 – 37 °C/ 24 - 48 hrs.	Fair to good	Colorless	Complies
Enterococcus faecalis ATCC 29212	35 – 37 °C/ 24 - 48 hrs.	Fair to good	Colorless to pink	Complies
Staphylococcus aureus ATCC 25923	35 – 37 °C/ 24 - 48 hrs.	Inhibited	-	Complies

Final Results: COMPLIES

This is to certify that this lot passes and it confirms to the above mentioned tests and specifications.

TESTED BY (Pooja Sutar) MICROBIOLOGIST	**CHECKED BY (Madhavi Sawant) HEAD MICROBIOLOGY**	**APPROVED BY (Rupali Sabale) HEAD QUALITY ASSURANCE**

End Of The Report

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