

BIOMARK LABORATORIES, INDIA

CERTIFICATE OF ANALYSIS

PRODUCT : Peptone, bacteriological

PRODUCT CODE NO : BI 707

QUALITY CONTROL:

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
Appearance	Pale yellow to light brown homogenous free flowing powder
Clarity (2%Solution)	Clear
PH (2% Solution)	5.8 -7.0
Moisture	NMT 5%
Microbial load (CFU/G):-	-
Bacterial count	NMT 5000
Yeast & Mold Count	NMT 250
Test for specific organisms:-	-
E.coli	Absent
Salmonella species	Absent
Pseudomonas aeruginosa	Absent
Staphylococcus aureus	Absent
Bacteriological testing:-	-
1.Production of H ₂ S:-	-
Salmonella Typhi ATCC 6539:-	The lead acetate test paper shows brownish blackening
2.Production of Indole:-	-
Escherichia coli ATCC25922:-	Appearance of distinct pink to red colour ring (Positive test).
Enterobacter aerogenes ATCC 13048:-	No formation of pink to red coloured ring (Negative test).
Cultural response:-	Cultural response observed after incubation at 35-37°C for 24 hours by using 2% peptone,0.5% sodium
ORGANISM	GROWTH
Escherichia coli ATCC 25922	Luxuriant
Pseudomonas aeruginosa ATCC 27853	Luxuriant
Enterobacter aerogenes ATCC 13048	Luxuriant
Salmonella Typhi ATCC 6539	Luxuriant
Staphylococcus aureus ATCC 25923	Luxuriant
Streptomyces albus ATCC 3004	Luxuriant
Streptococcus pyogenes ATCC 19615	Luxuriant w/ beta haemolysis (With addition of sterile 5% sheep blood to above medium, after an incu
Neisseria gonorrhoeae ATCC 19424	Luxuriant w/ beta haemolysis (With addition of sterile 10% sheep blood to above medium heated to 80-

This is to certify that this lot passes and it confirms to the above-mentioned tests and specifications. The information given here is believed to be correct and accurate, however, both the information and products are offered without warranty for any particulars use, other than that specified in the current Biomark literature. The results reported were obtained at the time of release.

This document has been produced electronically and is valid.

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