

BIOMARK LABORATORIES, INDIA

CERTIFICATE OF ANALYSIS

PRODUCT : Peptone, Fermentive

PRODUCT CODE NO : BI 710

QUALITY CONTROL:

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
Appearance	Yellow to brownish yellow homogeneous free flowing powder with characteristic odour but not putrescent
Clarity (2% solution)	Clear
pH (2% solution)	5.80-7.00
Moisture	NMT 5%
Microbial Load:(CFU/g)	-
Bacterial count	NMT 5000
Yeast and mold count	NMT 250
Test for specific organisms:	-
Escherichia coli	Absent
Salmonella species	Absent
Pseudomonas aeruginosa	Absent
Staphylococcus aureus	Absent
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 with added 5% w/v sterile defibrinated blood after incubation at 35-37 by preparing Columbia blood Agar Base (B944) using Peptone Special as an ingredient.
ORGANISM	GROWTH w/5% BLOOD
Neisseria meningitidis (13090)	Luxuriant
Staphylococcus aureus (25923)	Luxuriant with Beta or gamma haemolysis
Staphylococcus epidermidis (12228)	Luxuriant with gamma haemolysis
Streptococcus pneumoniae (6303)	Luxuriant with Alpha haemolysis
Streptococcus pyogenes (19615)	Luxuriant with Beta haemolysis
Staphylococcus aureus (6538)	Luxuriant with Beta or gamma haemolysis
Clostridium sporogenes (19404)	Luxuriant
Clostridium sporogenes (11437)	Luxuriant-Good
Clostridium perfringens (13124)	Luxuriant
Clostridium perfringens (12934)	Luxuriant

This is to certify that this lot passes and it conforms 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 particular 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.