

BIOMARK LABORATORIES, INDIA

CERTIFICATE OF ANALYSIS

PRODUCT : Tryptone(Casein enzyme hydrolysate)

PRODUCT CODE NO : BI 309

QUALITY CONTROL:

PARAMETERS	SPECIFICATIONS/STANDARD VALUES
Appearance	Cream to light yellow coloured homogenous free flowing powder, having characteristic odour
Clarity (2%Solution)	Clear
PH (2% Solution)	6.3-7.3
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).
Cultural response:-	Cultural response observed after an incubation for bacterial at 35-37°C for 18-24 hours by preparing Tryptone water (B1127) using Tryptone as an ingredient
ORGANISM	GROWTH -
Escherichia coli (25922)	Luxuriant,Positive reaction, red ring at the interface of the medium
Enterobacter aerogenes (13048)	Luxuriant,Negative reaction, no colour development / cloudy ring
Klebsiella pneumoniae (13383)	Luxuriant,Negative reaction, no colour development / cloudy ring

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 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.

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