

TECHNICAL SHEET

BI683	TRYPTONE CERTIFIED
Specifications	
Appearance: Off white to light yellow homogenous free flowing powder, having characteristic odour but not putrescent .	
Total Nitrogen	:>= 11.0%
Amino Nitrogen	:>= 4.0%
Sodium chloride	:<= 5.0%
Loss on drying	:<= 5.0%
Residue on ignition	:<= 11.0%
Clarity (2% solution) : Clear	
pH (2% solution)	: 6.3 – 7.3
Microbial Load:(CFU/g)	
Total aerobic microbial count by plate method when incubated at 30-35 °c for 48 hours	
Bacterial count	:NMT 5000
Total Yeast and mold count by plate method when incubated at 20-25 °c for 120 hours	
Yeast and mold count	:NMT 250
Test for Specific organism	
E.coli	: Absent
Salmonella species	: Absent
Pseudomonas aeruginosa	: Absent
Staphylococcus aureus	: Absent
Candida	: Absent
Clostridia	: Absent
Indole Test	
Tryptophan content: Passes	
Cultural response:	
Cultural response observed after an incubation at 35-37°C for 18-48 hours by preparing Soyabean Casein Digest Medium(B040) using Tryptone Certified as an ingredient.	
ORGANISM	GROWTH
Escherichia coli ATCC 25922	Characteristic, luxuriant growth
Pseudomonas aeruginosa ATCC 27853	Characteristic, luxuriant growth
Enterobacter aerogenes ATCC 13048	Characteristic, luxuriant growth
Salmonella Typhi ATCC 6539	Characteristic, luxuriant growth
Staphylococcus aureus ATCC 25923	Characteristic, luxuriant growth
Streptomyces albus ATCC 3004	Characteristic, luxuriant growth
Streptococcus pyogenes ATCC 19615	Luxuriant w/ beta haemolysis (With addition of sterile 5% sheep blood to above medium, after an incubation at 35-37°C for 48 hours.
Neisseria gonorrhoeae ATCC 19424	Luxuriant w/ beta haemolysis (With addition of sterile 10% sheep blood to above medium heated to 80-90°C until blood has turned to chocolate brown and incubated in 10% CO2 atmosphere at 35-37°C for 48 hours).

BIOMARK Laboratories – INDIA

www.biomarklabs.com

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Applications:

For preparation of media for testing of indole production and that for sterility testing.

Precaution

1. For Laboratory Use
2. Follow proper, established laboratory procedures in handling and disposing of infectious materials.

Storage : Below 30⁰c in cool, dry place.

Packing : **500 g**

Disclaimer:

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related BIOMARKLABORATORIES publications.

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