



30842

## Tributyryn Agar Base w/o Tributyrin

Part D

### Specifications

Appearance (Colour)	Beige
Appearance (Form)	Free flowing, homogeneous powder
Solubility	23.00 gm/liter
Solubility before autoclaving (Clarity)	Slightly opalescent
Gel strength	Firm, comparable with 1.5% agar gel
pH (25°C)	7.5 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Opalescent with oil droplets forms in petri plates
Prepared Medium Appearance after autoclaving (Colour)	Light cream to yellow
Cultural Response	Inoculate and incubate at 35 ± 2°C for 24-48 hours with added Tributyrin supplement (87704)
Organism	Staphylococcus aureus ATCC 25923
Inoculum (cfu) 10-100	Growth : Good Lipase activity : (+ve)
Organism	Clostridium sporogenes ATCC 11437
Inoculum (cfu) 10-100	Growth : Good Lipase activity : (+ve)
Organism	Bacillus subtilis ATCC 6633
Inoculum (cfu) 10-100	Growth : Good Lipase activity : (+ve)
Organism	Escherichia coli ATCC 25922
Inoculum (cfu) 10-100	Growth : Good Lipase activity : (-ve)
Organism	Clostridium perfringens ATCC 12924
Inoculum (cfu) 10-100	Growth : Good Lipase activity : (-ve)
Key	(+) clear zones around the colonies (-) no clear zones around the colonies

### Other Information

#### Applications

For the cultivation and enumeration of lipolytic microorganisms.

#### Composition

Ingredients	gm/lt.
Peptic digest of animal tissue	5.00
Yeast extract	3.00
Agar	15.00

#### Directions

1. Add 23.00 gm powder to 990.0 ml of distilled/purified water and mix thoroughly.
2. Add 1 vial of Tributyrin supplement (87704)
3. Gently heat and bring to boiling.
4. Autoclave at 15 psi pressure at 121°C for 15 minutes.
5. Cool to 45 - 50°C .
6. Mix well and dispense in glass petri plates.

## General Information

Storage	8 to 25°C (Cool & Dry Area)
Shelf Life	36 Months
IMDG Identification	Not Regulated for Transport (Non-Haz)
HSN Code	
100 Gms	38210000 (GST 18%)
500 Gms	38210000 (GST 18%)

## Available Packages

100 Gms
500 Gms

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### Disclaimer

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