



85268

## Buffered Tryptone Glucose Yeast Extract Broth

Part D

### Specifications

Appearance (Colour)	Light beige
Appearance (Form)	Free flowing, homogeneous powder
Solubility	85.00 gm/liter
Solubility before autoclaving (Clarity)	Clear
pH (25°C)	7.3 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear without any precipitate
Prepared Medium Appearance after autoclaving (Colour)	Light amber
Cultural Response	Inoculate and incubate at 37 ± 2°C for 18-48 hours
Organism	Clostridium perfringens ATCC 12924
Inoculum (cfu) 10-100	Growth : Good
Organism	Clostridium sporogenes ATCC 11437
Inoculum (cfu) 10-100	Growth : Good
Organism	Clostridium botulinum ATCC 25763
Inoculum (cfu) 10-100	Growth : Good

### Other Information

#### Applications

Used for the isolation of Clostridium perfringens from food samples.

#### Composition

Ingredients	gm/lt.
Yeast extract	20.00
Casein enzymic hydrolysate	50.00
Peptic digest of animal tissue	5.00
Dextrose	4.00
Disodium phosphate	5.00
Sodium thioglycollate	1.00

#### Directions

1. Add 85.00 gm powder to distilled/purified water.
2. Bring volume to 1.0 liter and mix thoroughly.
3. Gently heat and bring to boiling.
4. Dispense into test tubes/bottles as desired.
5. Tubes : 15 ml into 20 x 150 mm test tubes. Bottles : 100 ml into 170 ml bottles.
6. Autoclave at 15 psi pressure at 121°C for 10-15 minutes. (8-10 minutes for tubes, 15 minutes for bottles).

### 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%)
Type of Packing	
100 Gms	Plastic Bottle

### Available Packages

100 Gms

500 Gms

---

#### Disclaimer

The information represented here may/may not represent the entire product specification, application or protocol recommended by Sisco Research Laboratories Pvt. Ltd. (SRL). This information is for the user scientists or trading community as a guide in their applications. The company claims no liability for misuse resulting due to wrong usage of the information above. For actual batch related documents, mail us.

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road, Chakala, Andheri (E), Mumbai - 400 099, Maharashtra, India. Telephone: +91-22-4268 5800, Email: info@srchem.com, website www.srchem.com

---