



22438

## DEV Tryptophan Broth

Part D

### Specifications

Appearance (Colour)	Cream colour
Appearance (Form)	Free flowing, homogeneous powder
Solubility	16.00 gm/liter
Solubility before autoclaving (Clarity)	Clear to slightly opalescent
pH (25°C)	7.2 ± 0.2
Prepared Medium Appearance after autoclaving (Clarity)	Clear
Prepared Medium Appearance after autoclaving (Colour)	Light amber
Cultural Response	Inoculate and incubate at 35°C - 37°C for 18 - 24 hours
Organism	Escherichia coli ATCC 25922
Inoculum (cfu) 10-100	Growth : Good Indole reaction : Positive reaction (Red ring at the interface of the medium)
Organism	Enterobacter aerogenes ATCC 13048
Inoculum (cfu) 10-100	Growth : Good Indole reaction : Negative reaction (No colour development/cloudy ring)
Organism	Klebsiella pneumoniae ATCC 13883
Inoculum (cfu) 10-100	Growth : Good Indole reaction : Negative reaction (No colour development/cloudy ring)

### Other Information

#### Applications

Used for sub-cultivation for coliform differentiation and for indole testing in the bacteriological examination of water as per German Standard methods.

#### Composition

Ingredients	gm/lt.
Peptone	10.00
Sodium chloride	5.00
DL-Tryptophan	1.00

#### Directions

1. Add 16.00 gm powder to distilled/purified water.
2. Bring volume to 1.0 litre and mix thoroughly.
3. Gently heat and bring to boiling.
4. Dispense into tubes.
5. Autoclave at 15 psi pressure at 121°C for 15 minutes.

### 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
500 Gms	Plastic Bottle

### Available Packages

100 Gms

500 Gms

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#### Disclaimer

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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

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