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VEGETABLE PEPTONE BROTH VG0101		

## VEGETABLE PEPTONE BROTH

VG0101

### Typical Formula\*

Vegetable peptone	grams per litre	18.0
Yeast extract		3.0
Sodium chloride		5.0
Dibasic potassium phosphate		2.5
Glucose		2.5

\* adjusted as required to meet performance standards

### Directions

Dissolve 31g in 1 litre of distilled water. Mix well and distribute into final containers. Sterilize by autoclaving at 121°C for 15 minutes.

**A vegetable based broth completely free from animal derived material designed as a vegetable equivalent of Tryptone Soya Broth (USP).**

### Physical Characteristics

Straw, free-flowing powder

Colour on reconstitution - straw 3-4

Moisture level - less than or equal to 7.5%

pH 7.1 ± 0.2 at 25°C

Clarity - clear


### Microbiological Tests Using Optimum Inoculum Dilution

Control Media: Tryptone Soya Agar, Columbia Blood Agar Base enriched with 5% v/v horse blood or Sabouraud Dextrose Agar, where appropriate.

Medium is challenged with 10-100 colony-forming units

### Reactions after incubation at 30-35°C for 24 hours

<i>Escherichia coli</i>	ATCC®8739	Turbid growth
<i>Staphylococcus aureus</i>	ATCC®6538	Turbid growth
<i>Pseudomonas aeruginosa</i>	ATCC®9027	Turbid growth
<i>Salmonella abony</i>	NCTC6017	Turbid growth
<i>Salmonella typhimurium</i>	ATCC®14028	Turbid growth

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**Reactions after incubation at 20-25°C for 48 hours**

<i>Bacillus subtilis</i>	ATCC® 6633	Flocculent/surface growth
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**Reactions after incubation at 20-25°C for 72 hours**

<i>Kocuria rhizophila</i>	ATCC® 9341	Turbid growth
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**Reactions after incubation at 20-25°C for 2-5 days**

<i>Candida albicans</i>	ATCC® 10231	Flocculent/surface growth
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**Reactions after incubation at 20-25°C for 5 days**

<i>Aspergillus brasiliensis</i>	ATCC® 16404	White mycelia, black spores/no spores
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A satisfactory result is represented by visible growth.


The Microbiological Quality Control of this product complies with the following current pharmacopoeia;

British Pharmacopoeia

European Pharmacopoeia

The Japanese Pharmacopoeia

The United States Pharmacopoeia

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## Revision History

Section / Step	Description of Change	Reason for Change	Reference
Entire document	Updating to current format and correcting minor errors	New format for upload to Thermofisher website	N/A