



# Product Specifications

## TRYPTOSE PHOSPHATE BROTH

<u>Catalog #</u>	<u>Size</u>
IB49150	29.5gm
IB49151	500gm
IB49152	2Kg
IB49153	10Kg

### Physical Specifications

CAS# N/A  
pH (@ 25°C) 7.3 ± 0.2  
**NOTE:** Grams per liter may be adjusted to obtain desired performance.

### Molecular Biology Specifications

<i>Neisseria Meningitidis ATCC 13090</i>	<i>Growth</i>
<i>Staphylococcus Epidermidis ATCC 12228</i>	<i>Growth</i>
<i>Streptococcus Pneumonia ATCC 6305</i>	<i>Growth</i>
<i>Streptococcus Pyogenes ATCC 19615</i>	<i>Growth</i>

### Formula per Liter

- Tryptose 20.0gm
- Dextrose 2.0gm
- Disodium Phosphate 2.5gm
- Sodium Chloride 5.0gm

### Preparation

- Mix 29.5gm of the medium in 1L of purified water until evenly dispersed.
- Heat with repeated stirring, and boil for one minute to dissolve completely.
- Distribute and autoclave at 121.0°C for 15 minutes.

### Recommended Use

IBI's Tryptose Phosphate Broth is a medium recommended for the cultivation of fastidious microorganisms. Tryptose phosphate broth is a buffered broth which can support the growth fastidious streptococci and meningococci. The addition of 0.1 agar concentration can aid in the recovery of obligate anaerobes. Tryptose peptone and dextrose are a source of carbon, organic nitrogen, and energy. Sodium chloride contributes to osmotic equilibrium, and disodium phosphate is a buffering agent.

### Storage

Store at room temperature. Keep tightly sealed. Protect from moisture and light.

### Warning

Irritant. Irritating to the eyes, respiratory system, and skin. Wear suitable protective clothing, gloves, and eye/face protection. See Material Safety Data Sheet for additional information.