

**BI109**

**TRYPTOSE**

**Specifications**

**Appearance** : Light yellow to yellow homogenous free flowing powder with characteristic odour

Total Nitrogen : Not less than 12.5%  
α – Amino nitrogen : Not less than 4.0%  
Moisture : Not more than 5.0%  
Ash : Not more than 12.0%  
Sodium chloride : Not more than 5.0%

**Clarity (2% solution)** : Clear

**pH (2% solution)** : 5.5 – 7.0

**Microbial Load:(CFU/g)**

Total aerobic microbial count by plate method when incubated at 30-35 °c for 48 hours

**Bacterial count** :NMT 5000

Total Yeast and mold count by plate method when incubated at 20-25 °c for 120 hours

**Yeast and mold count** : NMT 250

**Test for specific organisms**

E.coli : Absent  
Salmonella species : Absent  
Pseudomonas aeruginosa : Absent  
Staphylococcus aureus : Absent

**Indole Test**

Tryptophan content: Passes

**Applications**

It is used in media for cultivation of fastidious microorganisms and for preparing Blood Agars. Since the blood cells are maintained in an excellent state in Tryptose media, haemolytic reactions can be easily demonstrated. Used in Vaccine preparation media and Tissue culture media

**Precaution**

1. For Laboratory Use
2. Follow proper, established laboratory procedures in handling and disposing of infectious materials.

**Storage** : Below 30°c in cool, dry place.

**Packing** : 500g