

# Product Specifications



SCIENTIFIC

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## LIQUID TERRIFIC BROTH

### Product Number

IB49145 \_\_\_\_\_ 1L  
IB49146 \_\_\_\_\_ 1L x6

### Size

### CAS NO.

CAS# \_\_\_\_\_ N/A

### PHYSICAL SPECIFICATIONS

pH (@25°C) \_\_\_\_\_ 7.0 - 7.4  
Appearance \_\_\_\_\_ Clear Dark Amber Liquid  
Sterility \_\_\_\_\_ Pass Test

*Escherichia coli* ATCC 23724 \_\_\_\_\_ Growth  
*Escherichia coli* ATCC 33694 \_\_\_\_\_ Growth  
*Escherichia coli* ATCC 33849 \_\_\_\_\_ Growth  
*Escherichia coli* ATCC 39403 \_\_\_\_\_ Growth  
*Escherichia coli* ATCC 47014 \_\_\_\_\_ Growth  
*Escherichia coli* ATCC 53868 \_\_\_\_\_ Growth

### Formula per Liter

Casein Digest Peptone \_\_\_\_\_ 12.0gm  
Yeast Extract \_\_\_\_\_ 24.0gm  
Potassium Phosphate, Monobasic \_\_\_\_\_ 2.3gm  
Potassium Phosphate, Dibasic \_\_\_\_\_ 12.5gm  
Glycerol \_\_\_\_\_ 4mL

### STORAGE

Store at room temperature. Keep tightly sealed.

### WARNING

**Classification:** No Known Hazards.

### RECOMMENDED USE

IBI Liquide Terrific Broth, containing Glycerol, is used in cultivating recombinant strains of E.coli. Terrific Broth is a highly enriched medium for improving yield in plasmid bearing E.coli. Recombinant strains have an extended growth phase in the medium. The addition of tryptone and yeast extract in the medium will allow higher plasmid yield per volume, Glycerol is used as a carbohydrate source in this formulation. Unlike glucose, glycerol is not fermented to acetic acid.