

ATCC Medium: MD-2950 Tryptic Soy Agar/Broth (Soybean-Casein Digest Medium, USP) with 4µg/ml Colistin

Agar Medium

Tryptic Soy Agar (BD 236950).....40 g
DI Water.....996ml
Autoclave at 121° C.

Add prepared sterile Colistin solution to cooled basal medium.
Colistin Solution (1mg/1ml).....4ml

Broth Medium

Tryptic Soy Broth (BD cat 211825).....30 g
DI Water.....996 ml
Autoclave at 121° C.

Add prepared sterile Colistin solution to cooled basal medium.
Colistin Solution (1mg/1ml).....4ml

Colistin Solution (1mg/1ml)

Colistin..... 50mg
DI Water..... 50ml

*This product is commercially available from BD.

To make medium from scratch, follow formulation below:

Tryptic Soy Agar Composition

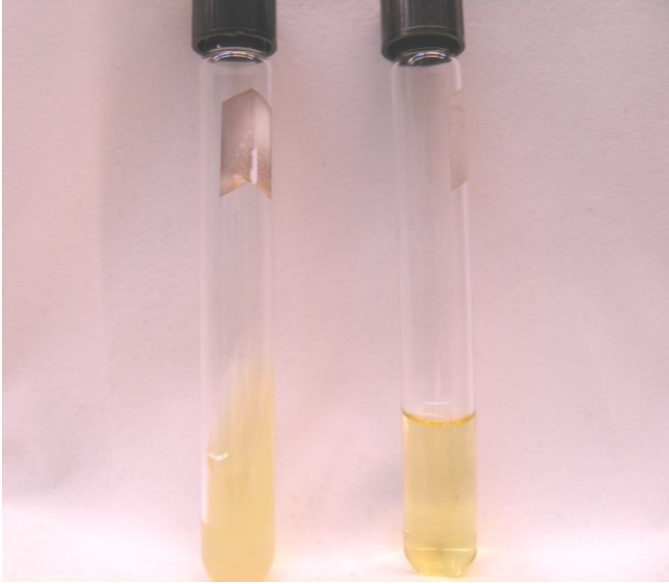
Tryptone.....17 g
Soytone.....3 g
Dextrose.....2.5 g
NaCl.....5.0 g
K₂HPO₄.....2.5 g
Agar.....15 g

Final pH 7.3 +/- 0.2.

*Omit agar for broth medium.

It should be noted that this formulation contains dextrose. The commercially available Tryptic Soy Agars do not contain dextrose.

Final Product Description



- Medium should be light tan in color.
- Recommended storage temperature: 2-8°C.