

Product Name : TSA (Tryptic Soy Agar) Hemin Menadione

Medium for primarily intended for the culture of anaerobic bacteria.

FORMULA (G/L)

Pancreatic Digest of Casein.....15.0
Papaic Digest of Soybean Meal.....5.0
Sodium Chloride.....5.0
Agar.....15.0
Final pH = 7.3 ±0.2 at 25°C.

DIRECTIONS

Suspend 40.0 G of powder in 1 L of distilled water and bring to the boil to dissolve the medium completely. Sterilize by autoclaving at 121°C for 15 minutes. Cool to 45-50 °C. To the sterilized medium as eptically add 5 % of Sheep Blood Defibrinated (MB-S1876). Aseptically add 2 vials of TSA Hemin Menadione A supplement (MB-T0707) and 2 vials of TSA Hemin Menadione B supplement (MB-T0708). Mix well. Dispense in petri dishes.

TSA Hemin Menadione A supplement

1 Vial contents (each vialis sufficient for 500mL of medium)
Hemin.....2.5mg

TSA Hemin Menadione B supplement

1 Vial contents (each vialis sufficient for 500mL of medium)
Menadione.....0.25mg

DESCRIPTION

TSA (Tryptic Soy Agar) Hemin Menadione is for primarily intended for the culture of anaerobic bacteria.

QUALITY CONTROL

Dehydrated medium

Appearance: free-flowing, homogeneous.

Color: light beige.

Prepared medium

Appearance: opaque, with no hemolysis.

Color: cherry-red.

Incubation conditions: 36 ± 1°C / 18-24 hours, anaerobically.

Microorganism	ATCC	Growth
<i>Clostridium perfringens</i>	13124	good
<i>Prevotella nigrescens</i>	33563	good
<i>Porphyromonas gingivalis</i>	33277	good
<i>Gardnerella vaginalis</i>	14018	good
<i>Wolinella succinogenes</i>	29543	good
<i>Porphyromonas endodontalis</i>	35406	good

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STORAGE

The powder is very hygroscopic: store the powder at room temperature, in a dry environment, in its original container tightly closed and use it before the expiry date on the label or until signs of deterioration or contamination are evident. Store prepared medium at 2-6°C.

PACKAGING

Cat. No : MB-T0616 TSA (Tryptic Soy Agar) Hemin Menadione	500 G
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