

PRODUCT INFORMATION

Mycoplasma Broth Base

Cat. No. M13-136

DESCRIPTION

Mycoplasma Broth Base is used with enrichments for the isolation and cultivation of Mycoplasma.

FORMULA (g/L)

Beef Extract	10.0 g	Yeast Extract	0.4 g
Meat Peptone, Porcine	6.0 g	Sodium Chloride	5.0 g
Gelatin Peptone	4.0 g	Ferric Ammonium Citrate	0.1 g

Final pH: 7.8 ± 0.2 at 25 °C

*Grams per liter may be adjusted or formula supplemented to obtain desired performance.

PREPARATION

Mix 25.5 grams of the medium in 800 mL of purified water until evenly dispersed. Heat with repeated stirring and boil for one minute to dissolve completely. Distribute and autoclave at 121°C for 15 minutes. Aseptically add 200 mL of sterile horse serum before dispensing into sterile tubes or bottles for use.

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogenous, free flowing and light pink beige.
2. Visually the prepared medium is trace to slight haze, opalescent and pale to light yellow.
3. Expected cultural response after up to 8 days, under CO₂, at 35 °C and subculture onto PPLO or Mycoplasma Agar Base

ORGANISM	RESULT
<i>Mycoplasma gallinarum</i> ATCC 19708	Good Growth
<i>Mycoplasma bovis</i> ATCC 25523	Good Growth



STORAGE

Store the sealed bottle containing the dehydrated medium at 2 to 30°C. Once opened and recapped, place the container in a low humidity environment at the same storage temperature. Protect it from moisture and light. The dehydrated medium should be discarded if it is not free flowing or if the color has changed from the original color.

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