

PRODUCT INFORMATION

Luria Agar (Miller's Modified)

Cat. No. L12-115

DESCRIPTION

Luria Agar (Miller's Modified) is used for molecular genetic studies.

FORMULA (g/L)

Enzymatic Digest of Casein	10.0 g	Sodium Chloride	0.5 g
Yeast Extract	5.0 g	Agar	15.0 g

Final pH: 7.0 ± 0.2 at 25 °C

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

PREPARATION

Mix 30.5 grams of the medium in one liter 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.

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogenous, free flowing and beige.
2. Visually the prepared medium is trace to light haze, with none to light precipitate, and light amber.
3. Expected cultural response after 18-24 hours at 35 °C.

ORGANISM	RESULT
<i>Escherichia coli</i> ATCC 23724	Good Growth
<i>Escherichia coli</i> ATCC 33694	Good Growth
<i>Escherichia coli</i> ATCC 33849	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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