

PRODUCT INFORMATION

Your Smarter Culture Media Choice



Luria Agar (Miller's Modified) Cat. No. L12-115

Date of issue
04/24/15

DESCRIPTION

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

Formula* per Liter:

Casein Digest Peptone..... 10.0g
Yeast Extract..... 5.0g
Sodium Chloride..... 0.5g
Agar..... 15.0g

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 homogeneous, free flowing, and beige.
2. Visually the prepared medium is trace to light haze, with no to light precipitate, and light amber.
3. Expected cultural response after 18-24 hours at 35°C.

Organism:

Escherichia coli ATCC® 23724
Escherichia coli ATCC® 33694
Escherichia coli ATCC® 33849

Approx. Inoculum (CFU)	Expected Results
10-300	Growth
10-300	Growth
10-300	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 beige.