



## Product Information Sheet

# L301 LB Broth Solution, 1X Miller Modification

### Properties

Form:	Liquid
Appearance:	Yellow, Clear Liquid
Application:	Microbiology
Solubility:	Miscible with Water
Typical Working Concentration:	1x Concentration
Storage Temp:	2 – 6°C
Other Notes:	Sterile Filtered, 1x Concentration

### Formula (mg/L)

Sodium Chloride	10,000
Tryptone	10,000
Yeast Extract	5,000

### Application Notes

This medium is used to grow *Escherichia coli* for molecular biology applications. This is a rich medium that promotes rapid growth of pure cultures of recombinant strains.

### References

- Luria, SE, and JW Burrous. 1955. Hybridization between *Escherichia coli* and *Shigella*. J. Bacteriol. 74:461-476.
- Luria, SE, JN Adams, and RC Ting. 1960. Transduction of lactose-utilizing ability among strain of *E. coli* and *S. dysenteriae* and the properties of the transducing phage particles. Virology. 12:348-390.
- Miller, JH 1972. Experiment in molecular genetics. Cold Spring Harbor Laboratory, Cold Spring Harbor, New York.
- Sambrook, J, EF Fritsch, and T Maniatis. 1989. Molecular Cloning: A Laboratory Manual, 2nd Edition. Cold Spring Harbor Laboratory, Cold Spring Harbor, New York.

Revised Feb 2012

**PhytoTechnology Laboratories®**

P.O. Box 12205; Shawnee Mission, KS 66282-2205

Phone: 1-888-749-8682 or 1-913-341-5343; Fax: 1-888-449-8682 or 1-913-341-5442

Web Site: [www.phytotechlab.com](http://www.phytotechlab.com)

© 2012 PhytoTechnology Laboratories®