



Product Information Sheet

L5138 LB Broth, Lennox Modification

Properties

Form:	Powder
Appearance:	Cream to Tan Powder
Application:	Microbiology & Phytopathology
Solubility:	Soluble in Water
Typical Working Concentration:	20 g/L
Storage Temp:	2 - 6° C
Storage Temp of Stock Solution:	Preparation of concentrated solutions is not recommended as insoluble precipitates may form.

Formula	(mg/L)
Sodium Chloride	5,000
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

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- 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.

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