



## Quality Control

### Appearance

Cream to light yellow homogeneous free flowing powder

### Gelling

Firm, comparable with 1.2% Agar gel.

### Colour and Clarity of prepared medium

Medium to dark amber coloured, clear to slightly opalescent gel forms in Petri plates

### Reaction

Reaction of 6.42% w/v aqueous solution at 25°C. pH : 5.4±0.2

### pH

5.20-5.60

### Cultural Response

Cultural characteristics observed after an incubation at 35-37°C for 18-24 hours or longer.(with 5% CO<sub>2</sub>)

### Cultural Response

Organism	Inoculum (CFU)	Growth	Recovery
<b>Cultural Response</b>			
<i>Lactobacillus casei</i> ATCC 9595	50-100	luxuriant	≥50%
<i>Lactobacillus fermentum</i> ATCC 9338	50-100	luxuriant	≥50%
<i>Lactobacillus leichmannii</i> ATCC 7830	50-100	luxuriant	≥50%
<i>Lactobacillus plantarum</i> ATCC 8014	50-100	luxuriant	≥50%

## Storage and Shelf Life

Store dehydrated and the prepared medium at 2-8°C in tightly closed container. Use before expiry date on the label.

## Reference

- deMan J., Rogosa M. and Sharpe M., 1960, J. Appl. Bacteriol., 23:130.
- Marshall R.T. (Ed.), 1992, Standard Methods for the Examination of Dairy Products, 16th ed., APHA, Washington, D.C.
- Downes F. P. and Ito K., (Eds.), 2001, Compendium of Methods For the Microbiological Examination of Foods, 4th Ed., APHA, Washington, D.C.
- Sabine and Vaselekos, 1965, Nature, 206:960.
- MacFaddin J., 1985, Media for Isolation-Cultivation-Identification -Maintenance of Medical Bacteria, Vol.1, Williams and Wilkins, Baltimore.

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