

Cream to yellow homogeneous free flowing powder

Gelling

Firm, comparable with 1.5% Agar gel

Colour and clarity of prepared medium

Light amber coloured clear to slightly opalescent gel forms in Petri plates

Reaction

pH of 3.91% w/v aqueous solution at 25°C. pH : 5.6±0.2

pH

5.40-5.80

Cultural Response

Cultural Response was observed at 20-25°C for 2-7 day's. Recovery rate is considered as 100% for fungus growth on Sabouraud Dextrose Agar

Cultural Response

Organism	Inoculum (CFU)	Growth	Recovery
Cultural Response			
<i>Aspergillus brasiliensis</i> ATCC 16404	50-100	good-luxuriant	
<i>Candida albicans</i> ATCC 10231	50-100	good-luxuriant	≥50%
<i>Escherichia coli</i> ATCC 25922	≥10 ⁴	inhibited	0%
<i>Lactobacillus casei</i> ATCC 334	≥10 ⁴	inhibited	0%
<i>Saccharomyces cerevisiae</i> ATCC 9763	50-100	good-luxuriant	≥50%
<i>Trichophyton rubrum</i> ATCC 28191	50-100	good-luxuriant	
<i>Escherichia coli</i> NCTC 9002	≥10 ⁴	inhibited	0%
<i>Escherichia coli</i> ATCC 8739	≥10 ⁴	inhibited	0%

Reference

- Downes F. P. and Ito K., (Eds.), 2001, Compendium of Methods for the Microbiological Examination of Foods, 4th Ed., APHA, Washington, D.C.
- FDA Bacteriological Analytical Manual, 2005, 18th Ed., AOAC, Washington, DC.
- Wehr H. M. and Frank J. H., 2004, Standard Methods for the Microbiological Examination of Dairy Products, 17th Ed., APHA Inc., Washington, D.C.
- MacFaddin J. F., 1985, Media for the Isolation-Cultivation-Identification-Maintenance of Medical Bacteria, Vol.1, Williams and Wilkins, Baltimore
- Lorian (Ed.), 1980, Antibiotics In Laboratory Medicine, Williams and Wilkins, Baltimore

Revision : 0 / 2013

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