

Quality Control

Appearance

Light yellow to light green homogeneous free flowing powder

Gelling

Firm, comparable with 1.5% Agar gel

Colour and Clarity of prepared medium

Greenish blue clear to slightly opalescent gel forms in Petri plates

Reaction

Reaction of 7.53% w/v aqueous solution at 25°C. pH : 5.5±0.2

pH

5.30-5.70

Cultural Response

Cultural characteristics observed after an incubation at 30°C for 40-48 hours.

Organism	Inoculum (CFU)	Growth	Recovery
<i>Escherichia coli</i> ATCC 25922	50-100	good-luxuriant	≥50%
<i>Lactobacillus fermentum</i> ATCC 9338	50-100	good-luxuriant	≥50%
<i>Proteus mirabilis</i> ATCC 25933	50-100	good-luxuriant	≥50%
<i>Saccharomyces cerevisiae</i> ATCC 9763	≥10 ³	inhibited	0%
<i>Saccharomyces uvarum</i> ATCC 28098	≥10 ³	inhibited	0%

Reference

- Green, S.R. and Gray, P.P. 1950, Wallerstein Lab. Communication 13,357.

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