

Quality Control

Appearance

Light yellow to light pink homogeneous free flowing powder

Gelling

Firm, comparable with 1.5% Agar gel

Colour and Clarity of prepared medium

Reddish purple coloured clear to slightly opalescent gel forms in Petri plates

Reaction

Reaction of 4.16% w/v aqueous solution at 25°C. pH : 7.4±0.2

pH

7.20-7.60

Cultural Response

Cultural characteristics observed after an incubation at 35-37°C for 20-24 hours.

Organism	Inoculum (CFU)	Growth	Recovery	Eolour of colony	Fluorescence under uv
<i>Enterobacter aerogenes</i> ATCC 13048	50-100	luxuriant	≥50%	pinkish red -red	negative
<i>Escherichia coli</i> ATCC 25922	50-100	luxuriant	≥50%	pinkish red -red w/bile ppt.	positive

Key : * - Fluorescence can be visualized by addition of NaOH solution or exposure to ammonia fumes

Reference

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