

Appearance

Cream to light yellow homogeneous free flowing powder

Gelling

Firm, comparable with 1.5% Agar gel

Colour and Clarity of prepared medium

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

Reaction

Reaction of 5.05% w/v aqueous solution at 25°C. pH : 7.3±0.2

pH

7.10-7.50

Cultural Response

M1228: Cultural characteristics observed with added Moxalactum Supplement (FD151) after an incubation at 35-37°C for 24-48 hours.

Organism	Inoculum (CFU)	Growth	Recovery
Cultural Response			
<i>Escherichia coli</i> ATCC 25922	≥10 ³	inhibited	0%
<i>Listeria monocytogenes</i> ATCC 19111	50-100	good-luxuriant	≥50%
<i>Listeria monocytogenes</i> ATCC 19112	50-100	good-luxuriant	≥50%
<i>Listeria monocytogenes</i> ATCC 19117	50-100	good-luxuriant	≥50%
<i>Pseudomonas aeruginosa</i> ATCC 27853	≥10 ³	inhibited	0%
<i>Staphylococcus aureus</i> ATCC 25923	≥10 ³	inhibited	0

Storage and Shelf Life

Store below 30°C in tightly closed container and the prepared medium at 2 - 8°C. Use before expiry date on the label.

Reference

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