

Quality Control

Appearance

Cream to yellow coloured homogeneous free flowing powder

Colour and Clarity of prepared medium

Light amber coloured clear to slightly opalescent solution in tubes

Reaction

Reaction of 3.19% w/v aqueous solution at 25°C. pH : 7.2±0.2

pH

7.00-7.40

Cultural Response

Cultural characteristics observed after an incubation at 35-37°C for 24-48 hours.

Organism	Inoculum (CFU)	Growth
<i>Escherichia coli</i> ATCC 25922	≥10 ⁴	inhibited
<i>Pseudomonas aeruginosa</i> ATCC 27853	50-100	luxuriant
<i>Staphylococcus aureus</i> ATCC 25923	≥10 ⁴	inhibited

Reference

1. King, Ward and Raney, 1954, J. Lab. and Clin. Med., 44:301.
2. International Organization for Standardization (ISO), 1988, Draft ISO/DIS 8360-2.
3. Gilardi, 1985, In Manual of Clinical Microbiology, Lennett, Balows, Hausler and Shadomy (Eds.), 4th ed., ASM, Washington, D.C.
4. MacFaddin J., 1985, Media for Isolation-Cultivation-Identification-Maintenance of Medical Bacteria, Vol. I, Williams and Wilkins, Baltimore.

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