

Limitations :

1.This medium is general purpose medium and may not support the growth of fastidious organisms.

Performance and Evaluation

Performance of the medium is expected when used as per the direction on the label within the expiry period when stored at recommended temperature.

Quality Control

Appearance

Cream to yellow homogeneous free flowing powder

Colour and Clarity of prepared medium

Light amber coloured, clear solution without any precipitate

Reaction

Reaction of 2.15% 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 18-24 hours.

Organism	Inoculum (CFU)	Growth
<i>Salmonella</i> Typhi ATCC 6539	50-100	luxuriant
<i>Salmonella</i> Typhimurium ATCC 14028	50-100	luxuriant
<i>Salmonella</i> Enteritidis ATCC 13076	50-100	luxuriant
<i>Salmonella</i> Paratyphi A ATCC 9150	50-100	luxuriant
<i>Salmonella</i> Paratyphi B ATCC 8759	50-100	luxuriant
<i>Salmonella</i> Arizonae	50-100	luxuriant

Reference

- 1.Gruenewald R., Dixon D. P., Brun M., Yappow S., Henderson R., Douglas J. E., and Backer M. H., Appl. Environ. Microbiol., 1990, 56 (1),24-30
- 2.Hajna A. A. and Damon S. R., 1950, Pub. Health Rep., 65:116,
- 3.Hajna A. A., 1951, Pub. Health Lab., 9:23,
- 4.Hajna A. A., 1951, Personal communication.

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