

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

Purple coloured clear to slightly opalescent solution in tubes

Reaction

Reaction of 4.0% 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 18-24 hours.

Organism	Inoculum (CFU)	Growth	Acid production	Gas production
Cultural Response # <i>Klebsiella aerogenes</i> ATCC 13048 (00175*)	50-100	luxuriant	positive reaction, yellow colour	positive reaction
<i>Escherichia coli</i> ATCC 25922 (00013*)	50-100	luxuriant	positive reaction, yellow colour	positive reaction
<i>Salmonella Choleraesuis</i> ATCC 12011	50-100	fair-good	negative reaction	negative reaction
<i>Staphylococcus aureus</i> subsp. <i>aureus</i> ATCC 25923(00034*)	>=10 ⁴	inhibited		
<i>Escherichia coli</i> ATCC 8739 (00012*)	50-100	luxuriant	positive reaction, yellow colour	positive reaction
<i>Escherichia coli</i> NCTC 9002	50-100	luxuriant	positive reaction, yellow colour	positive reaction
<i>Staphylococcus aureus</i> subsp. <i>aureus</i> ATCC 6538 (00032*)	>=10 ⁴	inhibited		

Key : *Corresponding WDCM numbers. # Formerly known as *Enterobacter aerogenes*

Storage and Shelf Life

When the bottle is kept in a tightly closed container and the reagent is stored at 40-30°C. Use before expiry date on the label. On opening, the powder should be properly stored. After tightly capping the bottle in order to prevent lower humidity. The moisture content of the powder may lead to lower humidity. Utmost care should be taken to avoid the area of contact from extremes of temperature and sources of contamination. Use the container tightly after use. Use before expiry date on the label. The performance is best when used within the state of expiry.

Disposal

User must ensure safe disposal by autoclaving and/or incineration of used or unusable preparations of this product. Follow established laboratory procedures in disposing of infectious materials and material that comes into contact with sample must be decontaminated and disposed of in accordance with current laboratory techniques (4,5).

Reference

1. American Public Health Association, Standard Methods for the Examination of Dairy Products, 1978, 14th Ed., Washington D.C.
2. Baird R.B., Eaton A.D., and Rice E.W., (Eds.), 2015, Standard Methods for the Examination of Water and Wastewater, 23rd ed., APHA, Washington, D.C.
3. Childs E. and Allen, 1953, J. Hyg: Camb. 51:468-477

4. Isenberg, H.D. Clinical Microbiology Procedures Handbook. 2nd Edition.
5. Jorgensen, J.H., Pfaller, M.A., Carroll, K.C., Funke, G., Landry, M.L., Richter, S.S and Warnock, D.W. (2015) Manual of Clinical Microbiology, 11th Edition. Vol. 1.
6. MacConkey A. T., 1900, The Lancet, ii: 20.
7. Salfinger Y., and Tortorello M.L. Fifth (Ed.), 2015, Compendium of Methods for the Microbiological Examination of Foods, 5th Ed., American Public Health Association, Washington, D.C.
8. Wehr H. M. and Frank J. H., 2004, Standard Methods for the Microbiological Examination of Dairy Products, 17th Ed., APHA Inc., Washington, D.C.

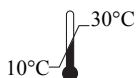
Revision : 04 / 2019



In vitro diagnostic medical device



CE Marking



Storage temperature



Do not use if package is damaged



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