



Guangdong Huankai Microbial Sci. & Tech.Co.,Ltd.

广东环凯微生物科技有限公司

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CRM005 Bacillus Cereus Chromogenic Medium
(Chromogenic Bacillus Cereus Agar)

Usages:

For rapid isolation and identification of Bacillus cereus. in food sample.

Principle:

Peptone and yeast extract powder provides carbon and nitrogen sources and trace elements; sodium chloride and sodium pyruvate as buffer; agar as medium coagulant ,the release of the color groups, in a pale yellow wax-like tablet produced by Bacillus green - blue-green colonies.

Formulation(per liter):

Peptone :8g

Yeast extract powder :3g

Sodium chloride : 5g

Sodium pyruvate: 8g

Agar : 15g

Chromogen: 0.3g

Inhibitor : 0.7g

Final pH 7.2 ± 0.2

How to use:

1.Suspend 40 g of the product, dissolved in 970ml of distilled water, heated to boiling with stirring until completely dissolved, suspend supplement A (SR0210) with 20ml of deionized water , Autoclave the base medium and supplement A at 121℃ for 15 minutes , cool to 50℃ .

Suspend 10 vials of supplement B (SR0210) and each vial add with 1ml of distilled water to completely dissolve. Add Supplement A and Supplement B into the base medium , mix and pour into sterile petri dishes.

Quality control:

This product appears light yellow after pour on plate, these strains were inoculated after 36 ± 1 ℃ 18 ~ 24h culture growth in the following table.

Bacteria name	bacteria NO.	growth situation	feature
Bacillus cereus	CMCC (B) 63303	good green	blue-green colonies
Bacillus mycoides	ATCC10206	good	a single colony colorless
Bacillus subtilis	CMCC (B) 63501	inhibited	colonies blue-green
Staphylococcus aureus	ATCC6538	inhibited	-----

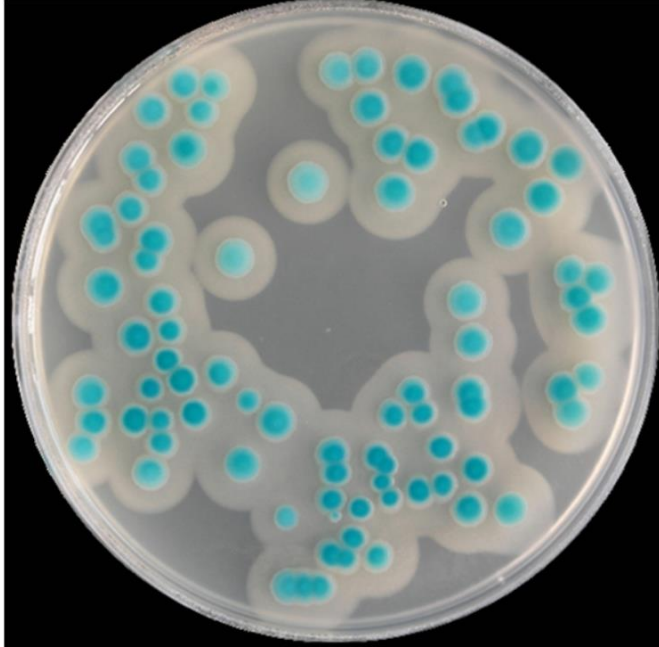
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Bacillus cereus. :Blue-green colonies with white halo

Other Listeria : Colorless ,green colonies or inhibited

Storage: Keep container tightly closed, store in a cool, dry place, away from bright light.

Specifications: 40g / bottle (Sufficient for 1000ml of Medium)