

CHROMOGENIC BACILLUS CEREUS SELECTIVE SUPPLEMENT

Selective and chromogenic supplement for the preparation of Chromogenic Bacillus Cereus Agar for the enumeration of *B. cereus* group in foodstuffs without confirmation tests

TYPICAL FORMULA

Chromogenic substrates 5 mg
Mix of inhibitors 20 mg

DIRECTIONS

Prepare 500 ml Chromogenic Bacillus Cereus Agar Base (REF 401114) by suspending 23.1g of dehydrated medium base in 500 ml of cold distilled water, heat to boiling and autoclave at 121 °C for 15 minutes. Cool to 45- 50 °C. Add the contents (5 ml) of one vial of Bacillus Cereus Chromogenic Selective Supplement (Ref. 4240072) and mix.

Warning: do not flame the vial before closing it because the supplement vial contains a flammable solvent.

Add 20 ml of Egg Yolk Emulsion, (Ref. 42111601) mix well avoiding incorporation of air bubbles and distribute 15-20 ml into sterile Petri dishes. The plates can be kept up to 15 days at 2-8 °C in a hermetically sealed package.

Final pH 7.2 ± 0.2

DESCRIPTION

Chromogenic Bacillus Cereus Agar Base is a selective chromogenic medium that allows the enumeration of *Bacillus* of the *cereus* group without confirmation tests. The selectivity of the medium has been optimized to prevent the over-growth of the interfering flora and to allow an easy interpretation of the results even when highly contaminated samples with competitive flora are analysed. Thanks to the high specificity and selectivity of CBPA it is not necessary to carry out confirmatory tests on typical colonies.

TECHNIQUE

For the isolation and enumeration of *B. cereus* group in foodstuffs see the Technical Sheet of Chromogenic Bacillus Cereus Agar Base (REF 421114).

STORAGE

Store at 2-8 ° - When stored as directed the supplement remains stable until the expiry date shown on the label. Do not use beyond stated expiry date.

PRECAUTIONS

The supplement should be used only by adequately trained personnel with knowledge of microbiological techniques in the laboratory.

The product is classified as F because contains an flammable solvent. Consult the Material Safety Data Sheet

PACKAGING

4240072 Bacillus Cereus Chromogenic Selective Suppl. 10 vials, each for 500 ml of medium