



## USE PROTOCOL FOR THE R & F® *BACILLUS CEREUS/BACILLUS THURINGIENSIS* CHROMOGENIC PLATING MEDIUM

- 1 Prepare the R & F® *Bacillus cereus/Bacillus thuringiensis* Chromogenic Plating Medium according to the instructions provided on the packaging labels. After the plates have been poured, they should be stored in the dark for 48 hours at room temperature to dry the surface of the agar. After surface drying, the plates can be placed in Petri plate sleeves (cut a hole in the sleeves to allow condensation to escape) and stored inverted in the dark at 2-8°C for up to 60 days.
- 2 The inoculation of the plates should use the spread plate technique by placing the inoculum on the surface of the plate and spreading it using a sterile glass bent rod. Make sure the inoculum has soaked into the agar before incubation.
- 3 Incubate the plates inverted for 24 hours at 35°C.
- 4 *Bacillus cereus/Bacillus thuringiensis* colonies appear dull-flat-turquoise: 1.5 to 5.0 mm in diameter with and without a turquoise precipitate. All other *Bacillus* sp. will either not grow or appear white on R & F® *Bacillus cereus/Bacillus thuringiensis* Chromogenic Plating Medium after incubation.
- 5 Use standard methods for colony confirmation.