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INSTRUCTIONS FOR USE OF CHROMagar E. COLI BOTTLED POURED

Cat. No. BP 262

A| INTRODUCTION

- 1) This medium is to be used for the simultaneous enumeration and identification of *E.coli* by the Pour Plate Method.
- 2) All the equipment and raw materials used in the assays should be sterile and aseptic procedures should be used.

B| PROCEDURE

- 1) Process the sample under test as recommended in the Israeli Standard Methods for Microbiological Tests for food stuffs, Number 885.
- 2) Place sample aliquots, (1ml), by duplicates, from final dilution tubes from estimated microbial population of 50 to 500 colony forming units, (c.f.u.), into sterile empty Petri dishes.
- 3) Aseptically, add 20 ml. of CHROMagar E. Coli that was previously melted at a boiling water bath, (held at 50 - 55⁰ C water bath until cooled to pouring temperature - 50⁰ C), to each plate and mix gently by swirling.
- 4) Allow the plates to remain undisturbed until the agar has solidified.
- 5) Incubate 24 hours at 30 - 35⁰ C .
- 6) Enumerate ONLY the blue colonies and calculate population by standard methods.