

SCHEDULE 2

TESTING METHODS

PART III

METHOD FOR THE ISOLATION OF *Enterobacteriaceae*

Samples with colonies of *Enterobacteriaceae*

51. After incubation each set of duplicate plates shall be examined for colonies characteristic of *Enterobacteriaceae* (purple colonies 1-2 mm in diameter). All characteristic colonies on each plate shall be counted and the arithmetic mean of the duplicate plates taken.

The sample provisionally fails if either –

- (a) any arithmetic mean is above 30(1); or
- (b) three or more arithmetic means are above 10;

in which case the following procedure shall be followed to establish whether or not the colonies are *Enterobacteriaceae*.

(1) An arithmetic mean of 30 is equivalent to 3×10^2 colony forming units per gramme of original sample