

## SCHEDULE 2

### TESTING METHODS

#### PART I

##### METHOD FOR THE ISOLATION OF *clostridium perfringens*

###### *Examination of subcultures*

###### **Reduction of nitrate to nitrite**

11. After examination of the motility nitrate medium 0.2 ml to 0.5 ml of nitrite detection reagent shall be added to it. The formation of a red colour confirms that the bacteria have reduced nitrate to nitrite. Cultures that show a faint reaction (i.e. a pink colour) should be discounted. If no red colour is formed within 15 minutes, a small amount of zinc dust shall be added and the tube allowed to stand for approximately 15 minutes. If a red colour is formed after the addition of zinc dust no reduction of nitrate to nitrite has taken place.