

**CERTIFICATE OF ANALYSIS**

**QA/F/01 Rev no. 03**

|                        |  |
|------------------------|--|
| <b>PRODUCT:</b>        | Fluidtetrathionatemedium(w/oiodine&brillien<br>tgreen) |
| <b>PRODUCTCODENO.:</b> | B027   |

**QUALITYCONTROLTESTS: DEHYDRATEDMEDIUM**

| PARAMETERS | STANDARDVALUES              |
|------------|-----------------------------|
| COLOR      | Offwhitetocream             |
| APPEARANCE | Homogenousfreeflowingpowder |

**QUALITYCONTROLTESTS: REHYDRATEDMEDIUM**

| PARAMETERS                       | STANDARDVALUES  |
|----------------------------------|---|
| pH(postautoclaving/heating)      | self  |
| COLOR(postautoclaving/heating)   | a)Offwhite.b)Withadditionofbrilliantgreen&iodine-lightgreen |
| CLARITY(postautoclaving/heating) | Opalescentsolutionwithheavywhiteprecipitate.                |

**QUALITYCONTROLTESTS:**

**MICROBIOLOGICALCULTURALRESPONSE:**

Culturalcharacteristicsobservedwithaddedbrilliantgreenandiodinesolutionwhensubculturedon  
 MacConkeyAgar(B238)afterenrichmentinTetrathionatemedium,afteranincubationat35-37 °Cfor18-24hours

| OrganismD<br>escription                 | Inoculum(CFU) | Recovery                       | Colourofcolony                  |
|---|---------------|--------------------------------|---------------------------------|
| EscherichiacoliATCC<br>25922            | 50-100        | littleornoincreasein<br>number | pink-redwithbile<br>precipitate |
| Salmonella<br>CholeraesuisATCC<br>12011 | 50-100        | Good-excellent                 | colourless                      |
| SalmonellaTyphi<br>ATCC6539             | 50-100        | Good-excellent                 | colourless                      |
| Salmonella<br>TyphimuriumATCC<br>14028  | 50-100        | Good-excellent                 | colourless                      |
| EscherichiacoliNCTC<br>9002             | 50-100        | littleornoincreasein<br>number | pink-redwithbile<br>precipitate |
| EscherichiacoliATCC<br>8739             | 50-100        | littleornoincreasein<br>number | pink-redwithbile<br>precipitate |

