

## CHROMedium Salmonella

|                            |                          |
|----------------------------|--------------------------|
| <b>Shorthand symbol:</b>   | CXSA                     |
| <b>Item number:</b>        | 40-1506                  |
| <b>Format:</b>             | Petri dish, 90mm         |
| <b>Colour:</b>             | Yellowish, transparent   |
| <b>Storage conditions:</b> | Dry and closed at 4-10°C |
| <b>Shelf-life:</b>         | 3 Months                 |
| <b>pH:</b>                 | 7.2 ± 0.2 at 25°C        |



### Intended use and fields of application

The Chromium X Salmonella Ident Agar is a selective chromogenic medium used to detect and identify Salmonella in clinical material, food and water.

### Typical composition in g/l

#### in g per 1l Medium

|                                         |      |
|-----------------------------------------|------|
| Casein Peptone                          | 5    |
| Beef meat extract                       | 5    |
| Sodium citrate                          | 8,5  |
| Chromogenic Mixture                     | 5,81 |
| Antibiotic Mixture (growing mix, in mg) | 17   |
| Agar                                    | 12   |

\*Adjusted as required to meet performance standards

## Microbiological quality control

The microbial performance test is carried out in conformity with the requirements of DIN EN ISO 11133.

### Productivity

Incubation conditions: 24 ± 3 hours at 37 ± 1 °C; Inoculation concentration: 80 – 120 CFU

| Organism                                | Test strain             | Specification | Colony morphology |
|-----------------------------------------|-------------------------|---------------|-------------------|
| Salmonella enterica serovar Enteritidis | ATCC 13076 / WDCM 00030 | 50 – 130 %    | Magenta colonies  |

### Selektivität

Incubation conditions: 24 ± 3 hours at 37 ± 1 °C; Inoculation concentration: 10.000 – 1.000.000 CFU

| Organism              | Test strain             | Specification       | Colony morphology   |
|-----------------------|-------------------------|---------------------|---------------------|
| Escherichia coli      | ATCC 25922 / WDCM 00013 | Partially inhibited | Blue green colonies |
| Enterococcus faecalis | ATCC 19433 / WDCM 00009 | Complete inhibition | -                   |

### Microbial Contamination

Incubation conditions: 5 – 7 days at 20 – 25 °C and 5 – 7 days at 30 – 35 °C

### Specification

No microbial contamination