

## Selenite Cystine Broth

TN 1183 500 g



### Intended use

Used for the selective enrichment of salmonellae from faeces, foodstuffs and other test materials.

### Form

Powder

### Colour

Beige

### Storage

Dry, tightly closed, at 10...25 °C.

### Shelf life

3 years

### Typical composition

Component	g/l
Meat peptone	3.5
Casein peptone	1.5
Lactose	4
Potassium dihydrogen phosphate	6.5
Dipotassium hydrogen phosphate	3.5
Sodium hydrogen selenite	4
L-Cystine	0.01

### Directions

Dissolve 23 g in 1 litre distilled water, sterile-filtrate for longer storage and distribute into containers. Do not autoclave!

### Final pH at 25 °C

7.0 ± 0.2

### Microbiological quality control

Incubate Selenite Cystine Broth aerobically for 22-24 hours at 36 ± 1 °C.

Incubate smears on XLD Agar in accordance with ISO 6579 aerobically for 18-24 hours at 36 ± 1 °C.

Test strain	No.	Inoculum CFU / 5 ml Selenite Cystine Broth	Smear on XLD Agar
<i>Salmonella</i> Typhimurium	ATCC 14028	10-100	good growth
<i>Salmonella</i> Enteritidis	ATCC 13076	10-100	good growth
<i>Salmonella</i> Typhi	clinical isolate	10-100	good growth
<i>Salmonella</i> Paratyphi	clinical isolate	10-100	good growth
<i>Escherichia coli</i>	ATCC 25922	10-100	growth inhibited

Date of revision: 2014/03/20

Manufacturer: sifin diagnostics gmbh | Berliner Allee 317-321 | 13088 Berlin | Germany | T: +49 30 927 030-0 | F: +49 30 927 030-30 | info@sifin.de | www.sifin.de