

Selenite Broth

TN 1225 500 g



Intended use

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

Form

Powder

Colour

Beige

Storage

Dry, tightly closed, at 10...25 °C.

Shelf life

3 years

Typical composition

Component	g/l
Tryptone	5
Lactose	4
Disodium hydrogen phosphate	10
Sodium selenite	4

Directions

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

Final pH at 25 °C

7.0 ± 0.2

Microbiological quality control

Incubate Selenite 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.	CFU/ plate	Growth on XLD Agar
<i>Salmonella</i> Typhimurium	ATCC 14028	10-100	good
<i>Salmonella</i> Enteritidis	ATCC 13076	10-100	good
<i>Salmonella</i> Typhi	clinical isolate strain H 901	10-100	good
<i>Salmonella</i> Paratyphi	clinical isolate strain B 8006	10-100	good
<i>Pseudomonas aeruginosa</i>	ATCC 27853	10-100	no growth
<i>Escherichia coli</i>	ATCC 25922	10-100	inhibited (<10 colonies per 1/3 plate)