

ITC SUPPLEMENT ISO 10273

CAT Nº: 6051

Selective supplement for the isolation of *Yersinia enterocolitica*

FORMULA PER VIAL (Each vial for 500 ml of medium)

Irgasan	0.5 mg
Ticarcillin	0.5 mg
Potassium chlorate	500 mg

PREPARATION

Aseptically reconstitute 1 vial with 8 ml of sterile distilled water. Mix gently until complete dissolution and aseptically add to 500 ml of ITC BROTH BASE (IRGASAN TICARCILLIN BROTH AND POTASSIUM CHLORATE) (ISO 10273) (Cat.1361) autoclaved and cooled to 50°C. Mix well and distribute into sterile containers.

PRODUCT	CAT.	PACK SIZE
ITC SUPPLEMENT (ISO 10273)	6051	10 Vials. Each vial for 500 ml of medium
ITC BROTH BASE (IRGASAN TICARCILLIN BROTH AND POTASSIUM CHLORATE) (ISO 10273)	1361	500 g

MICROBIOLOGICAL TEST

The following results were obtained from type cultures in the performance of the medium after incubation at a temperature of 30°C and observed after 24-48 hours

Microorganisms	Growth
<i>Yersinia enterocolitica</i> ATCC 23715	Good
<i>Yersinia enterocolitica</i> ATCC 9610	Good
<i>Escherichia coli</i> ATCC 25922	Inhibited
<i>Bacillus cereus</i> ATCC 11778	Inhibited

According ISO 11133 48h/25 °C (Productivity, Selectivity and Specificity)

Microorganismos	Inoculo (cfu/ml)	Productivity Semi-quantitative	Selectivity	Selectivity Semi-quantitative
<i>Yersinia enterocolitica</i> ATCC 23715	10 ³ 10 ⁴	> 10		pink
<i>Pseudomonas aeruginosa</i> ATCC 27853	10 ⁴		Inhibited (on TSA)	

Media Productivity and Specificity.- SSDC

BIBLIOGRAPHY

American Public Health Association Compendium of Methods for the microbiological Examination of Foods.

Schiemann, DA: Synthesis of a selective agar medium for *Yersinia enterocolitica*. - Canad. J. Microbiol, 25 1 298 -130 4

International Standard ISO 10273 Microbiology of food and animal stuffs. Horizontal method for the detection of presumptive pathogenic *Yersinia enterocolitica*

STORAGE

When stored as indicated, supplements remain stable until



the stated expiry date shown on the label.