

PRODUCT CODE: 416894

Listeria Selective Enrichment Chromogenic (Supplement) for microbiology

Preparation

Aseptically reconstitute 1 vial with 6 ml of warm sterile distilled water. Mix gently until complete dissolution and aseptically add to 500 ml of LISTERIA CHROMOGENIC AGAR BASE ISO 11290-1 Acc. to OTTAVIANI and AGOSTI (ALOA) autoclaved and cooled to 50°C after adding 1 vial of LISTERIA LIPASE C Supplement (ISO 11290-1) around 70°C. Mix well and distribute into sterile containers.

Product	Pack size
LISTERIA LIPASE C SUPPLEMENT (ISO 11290-1) Code 413893	10 Vials. Each vial for 500 ml of medium
LISTERIA CHROMOGENIC AGAR BASE ISO 11290-1 Acc. to OTTAVIANI and AGOSTI (ALOA) Code 416891	500 g
LISTERIA CHROMOGENIC SELECTIVE SUPPLEMENT (ISO 11290-1) Code 416894	10 Vials. Each vial for 500 ml of medium

Composition

See in Data Sheet (TDS).

Microbiological Test

The following results were obtained in the performance of the medium from type cultures, adding both supplements, after incubation at a temperature of 37°C and observed after 24 ± 3 hours. Incubate negative ones a further 24 ± 3 hours.

Microorganism	Growth	Colony Colour	Coagulase. Transparence around the colonies
<i>Listeria monocytogenes</i> ATCC 19111	Good	Blue	+
<i>Escherichia coli</i> ATCC 25922	Inhibited		-
<i>Listeria innocua</i> ATCC 33090	Good	Blue	-
<i>Enterococcus faecalis</i> ATCC 19433	Inhibited		-

According ISO 11133 48 h/37 °C (Productivity) and 72 h/30 °C (Selectivity)

Microorganism	Inoculum (cfu/ml)	Productivity Quantitative	Selectivity Qualitative
<i>Listeria monocytogenes</i> ATCC 19111	10 ²	pr ≥ 0,8	+
<i>Escherichia coli</i> ATCC 8739	10 ⁴ /10 ⁶		Inhibited
<i>Enterococcus faecalis</i> ATCC 29212	Good		Inhibited

Reference media Productivity: TSA

Storage

Once opened keep powdered medium closed to avoid hydration.