

SENECA EE-EC SUPPLEMENT

TYPICAL FORMULA (PER LITRE OF MEDIUM)

Antimicrobial compounds	9.0 mg
Chromogenic substrate	12,5 mg

DIRECTIONS

REF 4240023 (vial for 500 ml of SENECA Base): reconstitute the contents of one vial of SENECA EE-EC Selective Supplement with 1 ml of ethanol; mix well then add 1 ml of sterile distilled water. Supplement 500 ml of SENECA EE EC Agar Base (405582S) with the reconstituted vial of EE-EC Selective Supplement, mix well and pour into Petri dishes

REF 4240023 (vial for 1,2L of SENECA Base): dissolve the contents of the bottle of SENECA Base ready to use in flask (REF 515582S3) in a temperature controlled water bath (100°C). Cool to 45-50°C. Reconstitute the contents of one vial of SENECA EE-EC Supplement (REF 4240023S) with 3 ml of ethanol; mix well and then add 3 ml of sterile distilled water. Add 1 ml of reconstituted supplement to 200 ml of melted and cooled base.

Once reconstituted, SENECA EE-EC Supplement can be kept 24 hours at 2-8°C or 7 days if frozen in aliquots. The supplement must not undergo more than one cycle of freezing/thawing

DESCRIPTION

SENECA is a selective chromogenic medium developed by Biolife for the simultaneous enumeration of *Enterobacteriaceae* and *Escherichia coli* in foodstuffs. The differentiation of *E.coli* from the other species of *Enterobacteriaceae* is obtained by means of specific chromogenic compounds. The medium strongly suppress the growth of Gram positive bacteria and of the most part of non fermenting gram negative bacilli. For a complete description consult the Technical Sheet of SENECA dehydrated base (405582S)

TECHNIQUE

See the technical sheet of SENECA dehydrated base (405582S)

STORAGE

2-8°C

PRECAUTIONS AND WARNING

The supplement should be used only by adequately trained personnel with knowledge of microbiological techniques in the laboratory.

Consult the material safety data sheet before the use

PACKAGING

4240023	SENECA EE-EC Supplement	10 vials, each for 500 ml of medium
4240023S	SENECA EE-EC Supplement	10 vials, each for 1,2L of medium