

CT-Supplement

Additive for the preparation of CT-SMAC Agar.

Composition (per vial)

Cefixim	0.025 mg
Potassium Tellurite	1.25 mg

Experimental Procedure

The lyophilisate is dissolved in the original vial by adding about 1 ml of sterile distilled water.

In the preparation of CT-SMAC Agar, the dissolved content of 1 vial is evenly mixed into 500 ml of sterile, still liquid medium cooled to 45-50 °C.

Literature

ZADIK, P.M., P.A. CHAPMAN, and C.A. SIDDONS, Use of tellurite for the selection of verocytotoxigenic *Escherichia coli* 0157. – *J. Med. Microbiol.*, 39: 1550-158 (1993).

Ordering Information

Product	Ordering No.	Pack size
CT-Supplement	1.09202.0010	1 x 10 vials
Sorbitol-Mac Conkey Agar	1.09207.0500	500 g

Quality control (SMAC Agar with CT-Supplement)

Test strains	Recovery rate (%)	Colony colour	Sorbitol
<i>E. coli</i> 0157:H7 ATCC 35150	> 30	colourless	-
<i>E. coli</i> ATCC 11775	≤ 0.01	-	-
<i>Serratia marcescens</i> ATCC 14756	≤ 0.01	-	-
<i>Bacillus cereus</i> ATCC 11778	≤ 0.01	-	-