OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION

CYCLOHEXIMIDE 0.1% SOLUTION SR0222C

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Directions

Aseptically add 2ml of SR0222C solution to 500ml of sterile WL Nutrient Medium (CM0309) prepared as directed and cooled to 50°C. Mix well and pour into sterile Petri dishes.

Physical Characteristics

Colourless liquid
Clarity - clear
Deposit - nil
Volume - 100ml
Sterility - passes test

Microbiological Tests Using Optimum Inoculum Dilution

Control Media: Tryptone Soya Agar, Sabouraud Dextrose Agar or MRS Agar, where appropriate

Reactions after incubation at 30°C for 3 days

Medium is challenged with 10-100 colony-forming units

Lactobacillus plantarum	ATCC®8014	Pinpoint-1mm mustard colonies
Candida vini	NCYC331	2-3mm cream/green colonies
Escherichia coli	ATCC®25922	1-4mm green colonies

A satisfactory result is represented by recovery of positive strains equal to or greater than 70% of the control medium.

Medium is challenged with 1E+02 to 1E+04 colony-forming units

Saccharomyces cerevisiae	ATCC®9763	No growth or 3mm green/blue colonies

Negative strains are inhibited or shall produce at least a 2 log(10) reduction when compared to the control medium.

Reactions after incubation at 20-25°C for 3 days

Medium is challenged with 1E+02 to 1E+04 colony-forming units

Saccharomyces carlsbergensis	ATCC®2700	No growth

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Revision History

Section / Step	Description of Change	Reason for Change	Reference
Entire document	Update to new document format and correction of typographical/minor errors.	Change control	MOC-2022-0097