REINFORCED CLOSTRIDIAL (RCM) AGAR

A differential medium for the cultivation and enumeration of anaerobes, especially *Clostridium* spp.

Dehydrated media	
Code number:	500 g: RCA20500, 5 kg: RCA25000
Colour:	Yellowish
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	6,6 – 7,0

Direction: Suspend **51 g** in one litre of distilled water and heat with frequent agitation until the medium boils well. Sterilise by autoclaving at 121 °C for 15 minutes.

Prepared media	
Bottled media:	100 ml: RCA30100, 500 ml: RCA30500
Colour:	Yellowish
pH (25 °C):	6,7 – 6,9

Direction: Dispense the melted bottled media aseptically into sterile final containers.

FORMULA in g/l

Peptones	23,0
L-Cysteine	0,5
Glucose	5,0
Starch soluble	1,0
Sodium chloride	5,0
Sodium acetate	3,0
Agar	13,5

Note: The typical formula can be adjusted to obtain optimal performance.

Storage conditions: Store the dehydrated media tightly closed in a dry place at room temperature. Store the bottled media protected from light at room temperature. Use before the expiry date on the label.

Quality control:

Test strains	Incubation temp: 44 °C	**Growth**	Incubation time: 48 h
Clostridium perfringens ATCC 13124		Good (under anaerobic conditions)	

References: Hirsh and Grinsted (1954) J. Dairy Res. 21: 101.

For professional use only!