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OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION		
CORN MEAL AGAR CM0103		

CORN MEAL AGAR

CM0103

Typical Formula*

Corn meal extract (from 50g whole maize)	grams per litre	2.0
Agar		15.0

*adjusted as required to meet performance standards

Directions

Suspend 17g in 1 litre of distilled water. Bring to the boil to dissolve completely. Sterilize by autoclaving at 121°C for 15 minutes.

Physical Characteristics

Off white, free-flowing powder
 Colour on reconstitution – off white
 Moisture level - less than or equal to 7%
 pH - 6.0 ± 0.2 at 25°C
 Clarity - opaque
 Gel strength - firm, comparable to 15.0g/litre of agar

Microbiological Tests Using Optimum Inoculum Dilution

Reactions after incubation at 25°C for 5 days


Medium is challenged with 1E+04 to 1E+06 colony-forming units

<i>Candida krusei</i>	ATCC® 6258	1-3mm white/cream colonies
<i>Candida kefyr</i>	ATCC® 8555	0.5-1.5mm white/cream colonies
<i>Aspergillus brasiliensis</i>	ATCC® 9642	Greater than 10mm colonies, white mycelia, black spores

Plates inoculated with *Candida albicans* ATCC® 10231 shall produce chlamydospores comparable to the standard medium.

<i>Candida albicans</i>	ATCC® 10231	1-2mm white colonies and chlamydospores
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A satisfactory result is represented by reactions in accordance with the specification.

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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 ATCC®9642 to <i>Aspergillus brasiliensis</i>	Change control	BT-CC-1924