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OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION		
BiGGY AGAR CM0589		

BiGGY AGAR

CM0589

Typical Formula*

Yeast extract	grams per litre	1.0
Glycine		10.0
Glucose		10.0
Sodium sulphite		3.0
Bismuth ammonium citrate		5.0
Agar		13.0

* adjusted as required to meet performance standards

Directions

Suspend 42g in 1 litre of distilled water and bring gently to the boil to dissolve the agar. Allow to cool to 50-55°C. Mix gently to disperse the flocculant precipitate and pour into sterile Petri dishes. DO NOT AUTOCLAVE THE MEDIUM.

Physical Characteristics

White to straw, free-flowing powder
 Colour on reconstitution – off-white to straw 1
 Moisture level - less than or equal to 7%
 pH 6.8 ± 0.2 at 25°C
 Clarity - opaque
 Gel strength - firm, comparable to 13.0g/litre of agar


Microbiological Tests Using Optimum Inoculum Dilution

Reactions after incubation at 30°C for 48 hours

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

<i>Candida albicans</i>	ATCC®10231	0.5-2mm brown colonies
<i>Candida tropicalis</i>	ATCC®750	0.5-2mm brown colonies
<i>Yarrowia lipolytica</i>	ATCC®8661	0.5-2mm brown colonies
<i>Escherichia coli</i>	ATCC®25922	No growth
<i>Staphylococcus aureus</i>	ATCC®25923	No growth
<i>Salmonella typhimurium</i>	ATCC®14028	No growth

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
Microbiological Characteristics	Removal of <i>Candida kefyr</i> ATCC®8555 test strain.	Change control	MBD-2022-0584
Clarity	Change typographical error from 'clear' to 'opaque'		