thermoscientific

Product Specification Sheet

Columbia Blood Agar (Contact Plate)

Intended Usage: For the enumeration of microorganisms on surfaces.

For professional use only.

	PB5084C
Version: 09	Revision Date: 06 May 2020

Thermo Scientific[™] Columbia Blood Agar (Contact Plate)

Form of Product	Poured plate
Storage	2 – 12°C, dark
Filling weight	13.5 g ± 5 %
Packaging	Boxes with 2 x 10 contact plates wrapped in film
рН	7.3 ± 0.2
Appearance	Carmine red, opaque
Shelf life	10 weeks
Intended Usage	For the enumeration of microorganisms on surfaces. For professional use only.
Technique	Depends on the different methods. For information see ISO 18593.

Typical formulation*	g/l
Special peptone	23.0
Starch	1.0
Sodium chloride	5.0
Agar	13.0
Defibrinated Sheep Blood	50.0 ml

* Adjusted as required to meet performance standards.



Quality Control

- 1. Control for general characteristics, labelling and printing.
- Contamination check
 ≥ 72 h @ 20 25°C aerobic
 ≥ 72 h @ 30 35°C aerobic
- 3. Microbiological control

Positive Control	Growth		
Inoculum 50-120 colony forming units (cfu), quantitative Incubation conditions: 18 – 24 h @ 36 ± 1°C, aerobic			
Staphylococcus aureus ATCC [®] 6538™	2 – 3 mm, orange shiny colonies.		
Colony counts shall be \geq 50% of the control medium TSA.			
Inoculum 50-120 cfu, quantitative Incubation conditions: 48 – 72 h @ 25 ± 1°C aerobic			
Candida albicans ATCC [®] 10231™	1 – 3 mm, cream colonies.		
Colony counts shall be \geq 50% of the control medium SAB.			

ATCC[®] registered trademark of American Type Culture Collection.