Product Specification Sheet

Columbia Agar with Sheep Blood *PLUS*

Intended Usage: A medium for the growth of fastidious organisms with clearly visible haemolytic reactions.

For professional use only.

	PB5039A
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Thermo Scientific™ Columbia Agar with Sheep Blood PLUS

Form of Product	Poured plate
Storage	2 – 12°C, dark
Filling weight	17 g ± 5 %
Packaging	10 plates wrapped in film
pH	7.3 ± 0.2
Appearance	Traffic red, opaque
Shelf life	12 weeks
Intended Usage	A medium for the growth of fastidious organisms with clearly visible haemolysis forms. For professional use only.
Technique	Depends on the different methods. For information see Specification Sheet for Thermo Scientific™ Oxoid™ CM0331.

Typical formulation*	g/l
Special peptone	23.0
Starch	1.0
Sodium chloride	5.0
Agar	10.0
Defibrinated Sheep Blood	50.0 ml

*Adjusted as required to meet performance standards.

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Quality Control

1.   Control for general characteristics, labelling and printing.

2.   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**	
Streptococcus pyogenes ATCC®12344™	1 – 2 mm, light grey colonies with ß-haemolysis.
Colony counts shall be ≥ 50% of the control medium COL+SB.	
Inoculum $10^3 – 10^4$ cfu, qualitative, control medium COL+SB **Incubation conditions: 18 – 24 h @ 36 ± 1°C, aerobic**	
Staphylococcus aureus ATCC®25923™	Good growth, white colonies.
Staphylococcus aureus ATCC®6538™	Good growth, yellow colonies with haemolysis.
Streptococcus pneumoniae ATCC®6305™	Good growth, dark grey colonies with α-haemolysis.
Pseudomonas aeruginosa ATCC®9027™	Good growth, grey shiny colonies.
Escherichia coli ATCC®8739™	Good growth, dark grey colonies.

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