thermoscientific

Product Specification Sheet

Schaedler Anaerobe Agar with Sheep Blood

(with Haemin and Vitamin K1)

Intended Usage: A nutritive medium for the growth and isolation of obligate and facultative anaerobic organisms.

For professional use only.

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	PB5034A
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Thermo Scientific™ Schaedler Anaerobe Agar with Sheep Blood (with Haemin and Vitamin K1)

Form of Product	Poured plate
Storage	2 – 12°C, dark
Filling weight	17 g ± 5 %
Packaging	10 plates wrapped in film
pH	7.6 ± 0.2
Appearance	Signal red, opaque
Shelf life	10 weeks
Intended Usage	A nutritive medium for the growth and isolation of obligate and facultative anaerobic organisms. For professional use only.
Technique	Depends on the different methods. For information see Specification Sheet for Thermo Scientific™ Oxoid™ CM0437.

Typical formulation*	g/l
Tryptone soya broth	10.0
Special peptone	5.0
Yeast extract	5.0
Glucose	5.0
Sodium chloride	4.0
Cysteine HCl	0.4
Haemin	0.01
Tris buffer	0.75
Vitamin K1	0.002
Agar	13.5
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 Controls	Growth
Inoculum 50-120 colony forming units (cfu), quantitative **Incubation conditions: 40 – 48 h @ 36 ± 1°C, anaerobic**	
Bacteroides fragilis ATCC® 25285™	2 – 4 mm, white shiny colonies.
Peptostreptococcus anaerobius ATCC® 27337™	2 – 4 mm, white shiny colonies.
Colony counts shall be ≥ 50% of the control medium COL SB.	
Positive Control	**Growth**
Inoculum 10^4 – 10^5 cfu, qualitative, control medium COL+SB **Incubation conditions: 40 – 48 h @ 36 ± 1°C, anaerobic**	
Clostridium perfringens ATCC® 13124™	Good growth, cream colonies with double zone of haemolysis.

ATCC® registered trademark of American Type Culture Collection.

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