

Product Specification Sheet

Chocolate Agar with Vitox

Intended Usage: A highly nutritious medium for the isolation and cultivation of fastidious microorganisms.

For professional use only.

PO5090A	
Version: 06	Revision Date: March 2020

Thermo Scientific™ Chocolate Agar with Vitox

Form of Product	Poured plate
Storage	2 – 12°C, dark
Filling weight	17 g ± 5 %
Packaging	10 plates wrapped in film
pH	7.2 ± 0.2
Appearance	Fawn brown, opaque
Shelf life	14 weeks
Intended Usage	A highly nutritious medium for the isolation and cultivation of fastidious microorganisms. For professional use only.
Technique	Depends on the different methods. For information see Specification Sheet for Thermo Scientific™ Oxoid™ CM0367 / SR0090.

Typical formulation*	g/l
Special peptone	15.0
Corn starch	1.0
Sodium chloride	5.0
Dipotassium hydrogen phosphate	4.0
Potassium dihydrogen phosphate	1.0
Glucose	2.0
Haemoglobin	10.0
Vitamin B ₁₂	0.0002
L-Glutamine	0.2
Adenine	0.02
Guanine	0.0006
p-Aminobenzoic acid	0.00026
L-Cystine	0.022
NAD (Coenzyme 1)	0.005
Coccarboxylase	0.002
Ferric nitrate	0.0004
Thiamine	0.00006
Cysteine	0.518
Agar	12.0

*Adjusted as required to meet performance standards.

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, enhanced CO₂ atmosphere	
<i>Haemophilus influenzae</i> ATCC®10211™	3 – 5 mm, cream shiny colonies.
Colony counts shall be ≥ 70% of the control medium CHOC+VITOX	
Inoculum 10³ – 10⁴ cfu, qualitative, control medium for <i>Neisseria gonorrhoeae</i> CHOC+VITOX, for <i>Staphylococcus epidermidis</i> COL+SB Incubation conditions: 40 – 48 h @ 36 ± 1°C, enhanced CO₂ atmosphere	
<i>Neisseria gonorrhoeae</i> ATCC®49226™	Good growth, cream shiny colonies.
<i>Staphylococcus epidermidis</i> ATCC®12228™	Good growth, white colonies.

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