

## OXOID PRODUCT SPECIFICATION

ANAEROBE BLOOD (WC) NALIDIXIC ACID + TWEEN

PB0113A

### Typical Formula

	grams per litre
Tryptone	10.0
Gelatin peptone	10.0
Yeast extract	5.0
Sodium chloride	5.0
Glucose	1.0
Sodium pyruvate	1.0
L-Arginine	1.0
Haemin	0.005
Menadione	0.0005
Agar	10.0

### Additions

Agar	1.0
Tween 80	1.0ml
Defibrinated horse blood	100ml
Haemin	5.0mg
Menaphthone	0.5mg
Sodium pyruvate	1.0
Nalidixic acid	10.0mg

### Preparation

Suspend Wilkins-Chalgren Anaerobe Agar (43 grams / litre), agar (1.0 gram / litre) and Tween 80 (1.0 millilitres / litre) in de-ionised water. Sterilise at 121°C for 15 minutes. Cool, aseptically add defibrinated horse blood (100 millilitres / litre), haemin (5 milligrams / litre), menaphthone (0.5 milligrams / litre), sodium pyruvate (1.0 gram / litre) and nalidixic acid (10.0 milligrams / litre) as above, mix. Aseptically dispense into Petri dishes. Label dishes, wrap and label pack.

### Format

Ten 90mm plates, wrapped in a single cellulose-based film wrap. Each plate is ink-jet printed with (abbreviated) product name, product code, lot number and expiry date.

### Labels

Label gives details of product name, product code, recommended storage temperature, lot number and expiry date.

### Physical Characteristics

#### Physical Tests

pH	7.1 ± 0.2
Colour	Ruby red
Clarity	Opaque
Fill weight	19.5g ± 1.0g

### Packaging and presentation:

General appearance of packaging and label should be satisfactory. Label data should be correct.

## **Sterility Test**

Macroscopic examination should show no evidence of microbial growth after incubation at 20-24°C and 30-34°C for 5 days.

## **Microbiological Tests Using Optimum Inoculum Dilution**

**Results after incubation at 35-39°C for 36-48 hours under anaerobic conditions  
(for details refer to Oxoid Manual – Atmosphere Generation Systems)**

### Positive controls

Inoculum 10-100 colony forming units

<i>Bacteroides fragilis</i>	ATCC® 25285	Grey colonies
<i>Fusobacterium nucleatum</i>	NCTC 10562	Grey colonies

Colony counts shall be equal to or greater than 50% of the control medium.

### **Results after incubation at 35-39°C for 36-48 hours**

### Negative controls

Inoculum 10,000-100,000 colony forming units

<i>Escherichia coli</i>	ATCC® 25922	No growth
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### **Storage conditions**

Store away from the light between 2-10°C.