

## PRODUCT SPECIFICATION

**OXOID CHROMOGENIC CRONOBACTER ISOLATION  
(CCI) AGAR BASE**

PO1242A

**Typical Formula\***

	grams per litre
Yeast extract	3.0
Sodium chloride	5.0
Tryptone	7.0
Sodium thiosulphate	1.0
Sodium desoxycholate	0.25
Ferric ammonium citrate	1.0
5-bromo-4-chloro-3-indolyl $\alpha$ -D-glucopyranoside	0.15
Agar	13.2

\*adjusted as required to meet performance standards

**Preparation**

Suspend CCI Agar (30.6 grams / litre) in de-ionised water. Sterilise at 121°C for 15 minutes. Cool and aseptically dispense into 90mm Petri dishes. Label dishes, wrap and label pack.

**Format**

Ten 90mm plates wrapped in a single nylon 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**

pH	7.3 $\pm$ 0.2
Colour	Straw 2
Clarity	Clear
Fill weight	19.5 $\pm$ 1.0g

**Packaging and presentation**

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

**Contamination Check**

Macroscopic examination should show no evidence of microbial growth after incubation at 30-34°C for  $\geq$  72 hours.

**Microbiological Tests Using Optimum Inoculum Dilution****Results after incubation at 41-43°C for 22-26 hours**Positive controls

Inoculum 10-100 colony forming units.

<i>Cronobacter sakazakii</i>	ATCC®12868	1-3mm blue to blue-green colonies
<i>Cronobacter sakazakii</i>	ATCC®29004	1-3mm blue to blue-green colonies
<i>Cronobacter muytjensii</i>	ATCC® 51329	1-3mm blue to blue-green colonies

Specificity control

*Escherichia coli*

ATCC®25922

0.25-1.5mm straw colonies

Colony counts shall be equal to or greater than 50% of the control medium (Tryptone Soya Agar).

Negative control

Inoculum 10,000 – 100,000 colony forming units

*Staphylococcus aureus*

ATCC®25923

No growth

Inoculum determined on the control medium (Tryptone Soya Agar).

**Storage Conditions**

Store away from light between 2 - 10°C.

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