



PRODUCT SPECIFICATION



Product Name	C.L.E.D. Medium / MacConkey Agar No. 3
Product Code	PO5217E

Form of Product	Poured plate
Storage	6 – 12°C, dark
Filling weight	17 g ± 5 %
Packaging	10 plates wrapped in foil
pH CLED	7.3 ± 0.2
pH MACCONKEY3	7.1 ± 0.2
Colour CLED	Pastell green, transparent
Colour MACCONKEY3	Antique pink, transparent
Shelf life	26 weeks
Intended Usage	For the diagnostic urinary bacteriology. For professional use only.
Technique	Depends on the different methods. For information see Oxoid CM301 / CM115.

Typical Formulation CLED	grams per litre
Peptone	4.0
'Lab lemco' powder	3.0
Tryptone	4.0
Lactose	10.0
L-Cystine	0.128
Bromothymol blue	0.02
Agar	15.0

Typical Formulation MACCONKEY3	grams per litre
Peptone	20.0
Lactose	10.0
Bile salts No. 3	1.5
Sodium chloride	5.0
Neutral red	0.03
Crystal violet	0.001
Agar	15.0

Quality Control

- Control for general characteristics, labelling and printing
- Control for sterility
≥ 72 h @ 25 ± 1°C, aerobic
≥ 72 h @ 36 ± 1°C, aerobic
- Biological control
Inoculum size for specificity: < 10 000 cfu
Inoculum size for selectivity: 100 000 cfu

Incubation conditions: 18 – 24 h @ 36 ± 1°C, aerobic

Control Strain	Growth CLED	Growth MACCONKEY3
<i>Enterococcus faecalis</i> ATCC 29212 <i>Escherichia coli</i> ATCC 25922	Good growth, yellow opaque colonies.	No growth. Good growth, pink colonies and bile precipitation.
<i>Salmonella Typhimurium</i> ATCC 14028		Good growth, brownish irregular colonies.
<i>Staphylococcus aureus</i> ATCC 25923	Good growth, deep yellow colonies.	