TECHNICAL DATA SHEET

DESCRIPTION CLED MEDIUM, 90MM PLATES
SGL PRODUCT CODE 8015

Cystine Lactose Electrolyte Deficient (CLED) medium is a non-inhibitory medium for the cultivation of micro-organisms from urine.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Peptone	4.0 g
Meat extract	3.0 g
Tryptone	4.0 g
Lactose	10.0 g
L-cystine	0.128 g
Bromothymol blue	0.02 g
Agar	15.0 g
Purified water	1000 ml

*Product may be adjusted and/or supplemented to meet performance criteria

QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Blue-green gel
pH at 20-25°C	7.3 ± 0.2

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 22-25°C for a minimum of 5 days	No growth detected
Incubation at 35-37°C for a minimum of 5 days	No growth detected
Incubation at 42-45°C for a minimum of 5 days	No growth detected

GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
Escherichia coli ATCC 8739	Good growth comparable to control at 35-37°C incubation after not more than 18-24hrs. Yellow coloured colonies.
Proteus mirabilis ATCC 29906 NCTC 10788	Good growth comparable to control at 35-37°C incubation after not more than 18-24hrs. Blue coloured colonies.
Staphylococcus aureus ATCC 6538 NCTC 10788	Good growth comparable to control at 35-37°C incubation after not more than 18-24hrs.
Enterococcus faecalis ATCC 19433 NCTC 775	Good growth comparable to control at 35-37°C incubation after not more than 18-24hrs.

NMT = Not more than
NLT = Not less than
CFU = Colony forming units

Additional specification testing may be performed as requested by the customer.

Manufactured in compliance with ISO 9001 (Ref No FM37824) and tested by a UKAS (ISO 17025) accredited laboratory (Ref No. 4356).