



TECHNICAL DATA SHEET

DESCRIPTION TCBS CHOLERA MEDIUM, 90MM PLATES
SGL PRODUCT CODE 8085

A medium also known as Thiosulphate citrate bile salts sucrose agar, used for the selective isolation of cholera vibrios and *Vibrio parahaemolyticus* from a variety of clinical and non-clinical sample types as described in ISO 21872

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Yeast extract	5.0 g
Enzymatic digest of casein	5.0 g
Enzymatic digest of animal tissue	5.0 g
Sodium thiosulphate	10.0 g
Sodium citrate	10.0 g
Bile salts	8.0 g
Sucrose	20.0 g
Sodium chloride	10.0 g
Ferric citrate	1.0 g
Bromothymol blue	0.04 g
Thymol blue	0.04 g
Agar	14.0 g
Purified water	1000 ml

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

QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Transparent, emerald green coloured gel
pH at 20-25°C	8.6 ± 0.2

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 20-25°C for 5 days	No growth detected
Incubation at 35-37°C for 5 days	No growth detected
Incubation at 42-45°C for 5 days	No growth detected

GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Vibrio furnissi</i> NCTC 11218	Growth comparable to control, yellow colonies at 35-37°C incubation after not more than 1 day
<i>Vibrio parahaemolyticus</i> ATCC 17802 NCTC 10903	Growth comparable to control, green colonies at 35-37°C incubation after not more than 1 day
<i>Escherichia coli</i> ATCC 8739 NCTC 12923	No growth at 35-37°C incubation after not more than 1 day



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).