



## TECHNICAL DATA SHEET

**DESCRIPTION** 20% EGG YOLK TELLURITE EMULSION, BOTTLED  
**SGL PRODUCT CODE** 0688

20% Egg yolk tellurite emulsion is typically used as an additive for Baird Parker Agar (SGL Product Code 8038) and can be added to Baird Parker Agar Base (SGL Product Code 3008) to form the final prepared medium. The egg yolk tellurite permits the detection of microbial lecithinase activity and tellurite reduction.

### FORMULATION

Typical product composition\*:

COMPONENT	WEIGHT / VOLUME
Egg yolk	200 ml
Sodium chloride	4.24 g
Potassium tellurite	2 g
Purified water	800 ml

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

### QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Pale yellow to orange emulsion. Traces of egg precipitate may be visible on the surface of the bottle. The viscosity of the emulsion may vary.

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 20-25°C for 14 days	No growth detected
Incubation at 35-37°C for 14 days	No growth detected

GROWTH PROMOTION / INHIBITION TESTS* <sup>1</sup>	SPECIFICATION CRITERIA
<i>Staphylococcus aureus</i> ATCC 6538 NCTC 10788 NMT 100 CFU inoculum	≥50% CFU recovery compared to control. Black/grey colonies with clear halo at 35-37°C incubation after not more than 2 days
<i>Staphylococcus aureus</i> ATCC 25923 NCTC 12981 NMT 100 CFU inoculum	≥50% CFU recovery compared to control. Black/grey colonies with clear halo at 35-37°C incubation after not more than 2 days
<i>Staphylococcus epidermidis</i> ATCC 12228 NCTC 13360 NLT 1000 CFU inoculum	Moderate to good growth. Black/grey colonies generally without clear halo at 35-37°C incubation after not more than 2 days
<i>Staphylococcus saprophyticus</i> NCTC 15305 NCTC 7292 NLT 1000 CFU inoculum	Moderate to good growth. Black/grey colonies without clear halo at 35-37°C incubation after not more than 2 days



GROWTH PROMOTION / INHIBITION TESTS*1	SPECIFICATION CRITERIA
<i>Escherichia coli</i> ATCC 8739 NCIMB 8545 NCTC 12923 NLT 1000 CFU inoculum	Total inhibition at 35-37°C incubation after not more than 2 days
<i>Escherichia coli</i> ATCC 25922 NCTC 12241 NLT 1000 CFU inoculum	Total inhibition at 35-37°C incubation after not more than 2 days

\*1 Tests are performed on Baird Parker Agar (SGL Product Code 3008) when 0688 sample is added to the agar.

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).