



TECHNICAL DATA SHEET

DESCRIPTION EST NEUTRALISER + SAPONIN, BOTTLED
SGL PRODUCT CODE 3333

A diluent used for neutralising a range of disinfectants, as specified in BS EN ISO 1650 (European Suspension test) with added saponin.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Sodium thiosulphate pentahydrate	5.0 g
L-Histidine	1.0 g
Saponin	30.0 g
Potassium dihydrogen phosphate	0.34 g
Polysorbate 80	30.0 ml
Lecithin	3.0 g
Purified water	1000 ml

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

QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Dark red-brown coloured liquid
pH at 20-25°C	6.4 ± 0.2

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 22-25°C for 14 days	No growth detected
Incubation at 35-37°C for 14 days	No growth detected
Incubation at 42-45°C for 14 days	No growth detected

GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Bacillus subtilis</i> ATCC 6633 NCTC 10400	70-200% recovery after 45 mins at room temperature compared to original count. Incubation at 35-37°C for not more than 1 day
<i>Candida albicans</i> ATCC 10231 NCPF 3179	70-200% recovery after 45 mins at room temperature compared to original count. Incubation at 35-37°C for not more than 2 days
<i>Pseudomonas aeruginosa</i> ATCC 9027 NCTC 12924	70-200% recovery after 45 mins at room temperature compared to original count. Incubation at 35-37°C for not more than 1 day
<i>Escherichia coli</i> ATCC 8739 NCIB 8545 NCTC 12923	70-200% recovery after 45 mins at room temperature compared to original count. Incubation at 35-37°C for not more than 1 day



GROWTH PROMOTION / INHIBITION TESTS	SPECIFICATION CRITERIA
<i>Staphylococcus aureus</i> ATCC 6538 NCTC 10788	70-200% recovery after 45 mins at room temperature compared to original count. Incubation at 35-37°C for not more than 1 day
<i>Staphylococcus epidermidis</i> ATCC 12228 NCTC 13360	70-200% recovery after 45 mins at room temperature compared to original count. Incubation at 35-37°C for 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 in accordance with ISO 11133 by a UKAS (ISO 17025) accredited laboratory (Ref No. 4356).