



TECHNICAL DATA SHEET

DESCRIPTION EUGON LT 100 BROTH, BOTTLED
SGL PRODUCT CODE 3125

A medium used for the dilution and/or enrichment of cosmetic products to determine the total mesophilic bacteria and for the detection or enumeration of specific microorganisms.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Enzymatic digest of animal tissue ose	15.0 g
Papaic digest of soya bean Soya Peptone	5.0 g
Glucose	5.0 g
Sodium chloride	4.0 g
L-cystine	0.2 g
Sodium sulphite	0.2 g
Lecithin	1.0 g
Tween 80	5.0 g
Triton X-100	1.0 g
Purified water	1000 ml

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

QUALITY CONTROL SPECIFICATION

PHYSICAL TESTS	SPECIFICATION CRITERIA
Appearance	Clear, amber or brown liquid
pH at 20-25°C	7.0 ± 0.2

STERILITY TESTS	SPECIFICATION CRITERIA
Incubation at 22-25°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>Bacillus subtilis</i> ATCC 6633 NCTC 10400 NMT 100 CFU inoculum	Growth detected at 35-37°C incubation after not more than 1 day
<i>Candida albicans</i> ATCC 2091 NCPF 3255 NMT 100 CFU inoculum	Growth detected at 35-37°C incubation after not more than 2 days
<i>Kocuria rhizophila (Micrococcus luteus)</i> ATCC 9341 NMT 100 CFU inoculum	Growth detected at 35-37°C incubation after not more than 1 day
<i>Staphylococcus aureus</i> ATCC 6538P NCTC 7447 NMT 100 CFU inoculum	Growth detected at 35-37°C incubation after not more than 1 day



DISINFECTANT NEUTRALISATION TESTS		SPECIFICATION CRITERIA
Formaldehyde	0.1%	Full or partial neutralisation
Glutaraldehyde	1%	Full or partial neutralisation
Mercurial	1:1000	Full or partial neutralisation
Phenol	2.0%	Full or partial neutralisation
Quaternary ammonium	1:400	Full or partial neutralisation

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).