



TECHNICAL DATA SHEET

DESCRIPTION NUTRIENT BROTH, BOTTLED
SGL PRODUCT CODE 0501

Nutrient broth is used for the cultivation of a wide variety of microorganisms. It may be used as a pre-enrichment medium for testing food and dairy products for *Salmonella* spp.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Enzymatic digest of gelatin	5.0 g
Beef extract	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	Clear amber or brown liquid
pH at 20-25°C	6.8 ± 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>Candida albicans</i> ATCC 10231 NCPF 3179 NMT 100 CFU inoculum	Growth detected at 30-35°C incubation after not more than 3 days
<i>Escherichia coli</i> ATCC 8739 NCIB 8545 NMT 100 CFU inoculum	Growth detected at 30-35°C incubation after not more than 3 days
<i>Staphylococcus aureus</i> ATCC 6538 NCTC 10788 NMT 100 CFU inoculum	Growth detected at 30-35°C incubation after not more than 3 days
<i>Streptococcus pneumoniae</i> ATCC 6301 NMT 100 CFU inoculum	Growth detected at 30-35°C incubation after not more than 3 days

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).