



TECHNICAL DATA SHEET

DESCRIPTION PEPTONE WATER, BOTTLED
SGL PRODUCT CODE 0515

A medium used for the cultivation of non-fastidious microorganisms, indole testing and as a basal medium for carbohydrate fermentation studies. The medium has a high level of tryptone, making it suitable for use in the indole test.

Peptone water is not intended for use in the diagnosis of disease or other conditions in humans.

FORMULATION

Typical product composition*:

COMPONENT	WEIGHT / VOLUME
Peptone	10.0 g
Sodium chloride	5.0 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, pale straw to straw-coloured liquid
pH at 20-25°C	7.4 ± 0.3

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>Escherichia coli</i> ATCC 8739 NCIB 8545 NMT 100 CFU inoculum	Good growth. Pink colour when 2 – 3 drops of Kovacs' reagent are added to the tube
<i>Enterobacter cloacae</i> NCIB 10101 NMT 100 CFU inoculum	Good growth. No colour change when 2 – 3 drops of Kovacs' reagent are added to the tube

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).