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OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION		
VEGETABLE PEPTONE PHOSPHATE BROTH VG0200		

VEGETABLE PEPTONE PHOSPHATE BROTH

VG0200

Typical Formula*

Vegetable peptone	grams per litre	20.0
Sodium chloride		5.0
Di-sodium hydrogen phosphate		2.5
Glucose		2.0

* adjusted as required to meet performance standards

Directions

Dissolve 29.5g in 1 litre of distilled water. Mix well and distribute into final containers. Sterilize by autoclaving at 121°C for 15 minutes. For the cultivation of anaerobes, if the reconstituted medium has been stored prior to use, remove dissolved oxygen by placing the tubes in a boiling water bath for 15 minutes and cool without agitation before inoculation.

Physical Characteristics

Straw, free-flowing powder
 Colour on reconstitution - straw 1-4
 Moisture level - less than or equal to 7%
 pH - 7.3 ± 0.2 at 25°C
 Clarity - clear

Microbiological Tests Using Optimum Inoculum Dilution

Control Medium: Tryptone Soya Agar, Columbia Blood Agar Base enriched with 5% v/v horse blood, Columbia Blood Agar Base enriched with 5% v/v chocolate horse blood, where appropriate

Medium is challenged with 10-100 colony-forming units

Reactions after incubation at 37°C for 18 hours

<i>Streptococcus pyogenes</i>	ATCC®19615	Turbid growth
<i>Streptococcus agalactiae</i>	ATCC®13813	Turbid growth
<i>Streptococcus viridans</i>	NCTC1080	Turbid growth
<i>Streptococcus uberis</i>	NCTC3858	Turbid growth
<i>Enterococcus faecalis</i>	ATCC®19433	Turbid growth
<i>Staphylococcus aureus</i>	ATCC®25923	Turbid growth

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Tested with addition of 0.1% w/v bacteriological agar

Streptococcus pneumoniae ATCC® 6303 Turbid growth

A satisfactory result is represented by visible growth.


Enriched with 7% v/v horse blood

Reactions after incubation at 37°C for 18 hours and subculture onto chocolate agar plates

Incubate plates at 37°C for 48 hours in CO₂ atmosphere

Neisseria meningitidis ATCC® 3090 1-3mm grey/brown colonies

For *Neisseria* species, a satisfactory result is represented by a positive diagnostic reaction.

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Revision History

Section / Step	Description of Change	Reason for Change	Reference
Entire Document	Update to new document format and correction of typographical/minor errors. Removal of Oxoid Manual. Addition of result criteria.	Change control	BT-CC-1916