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OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION		
YEAST AUTOLYSATE SUPPLEMENT SR0105B		

YEAST AUTOLYSATE SUPPLEMENT

SR0105B

Formula

Vial contents (each vial is sufficient to supplement 500ml of medium)

Yeast autolysate fractions	5.0 g
Glucose	0.5 g
Sodium bicarbonate	0.075g

Description

A growth supplement for the enrichment of pathogenic *Neisseria* species.

Directions

Aseptically add 15ml of sterile distilled water to 1 vial and shake vigorously to dissolve. Aseptically add the vial contents to 500ml of sterile Thayer Martin Medium prepared from GC Agar Base (CM0367) and 1% w/v Soluble Haemoglobin Powder (LP0053), cooled to 50°C. Mix well and pour into sterile Petri dishes.

Physical Characteristics

Straw powder
Sterility - passes test

Microbiological Tests Using Optimum Inoculum Dilution


Control Medium: GC Agar Base with the addition of Yeast Autolysate Supplement and Soluble Haemoglobin

Tested in GC Agar Base CM0367 with the addition of Soluble Haemoglobin Powder LP0053

Medium is challenged with 10-100 colony-forming units

Reactions after incubation at 37°C for 48 hours in 10% CO₂ atmosphere

<i>Neisseria gonorrhoeae</i>	ATCC®19424	Pinpoint-2mm straw/brown colonies
<i>Neisseria meningitidis</i>	ATCC®13090	Pinpoint-2mm straw/brown colonies
<i>Neisseria meningitidis</i>	ATCC®13077	Pinpoint-2mm straw/brown colonies

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A satisfactory result is represented by recovery of positive strains equal to or greater than 70% of the control medium.


Tested in accordance with current CLSI M22 A

Medium is challenged with 10-100 colony-forming units

Reactions after incubation at 35°C for 48 hours in 10% CO₂ atmosphere

<i>Neisseria gonorrhoeae</i>	ATCC® 43069	Pinpoint-2mm straw/brown colonies
<i>Haemophilus influenzae</i>	ATCC® 10211	Pinpoint-2mm straw/brown colonies

A satisfactory result is represented by recovery of positive strains equal to or greater than 70% of the control medium.

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Revision History

Section / Step	Description of Change	Reason for Change	Reference
Microbiological results	Removal of 24 hour results	Change control	MOC-2024-0924