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<b>OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION</b>		
<b>HAEMOPHILUS TEST MEDIUM BASE CM0898</b>		

## HAEMOPHILUS TEST MEDIUM BASE

CM0898

### Typical Formula\*

Mueller Hinton Agar	grams per litre	38.0
Yeast extract		5.0

\* adjusted as required to meet performance standards

### Directions

Suspend 21.5g in 500ml of distilled water. Bring to the boil to dissolve completely. Sterilize by autoclaving at 121°C for 15 minutes. Cool to 50°C and aseptically add the contents of 1 vial of Haemophilus Test Medium Supplement (SR0158E), reconstituted as directed. Mix well and pour into sterile Petri dishes.

### Physical Characteristics

Light straw, free-flowing powder  
 Colour on reconstitution - straw 2-3  
 Moisture level - less than or equal to 7%  
 pH 7.3 ± 0.1 at 25°C  
 Clarity - clear  
 Gel strength - firm, comparable to 17.0g/litre of agar

### Microbiological Tests Using Optimum Inoculum Dilution

Control Medium: GC Agar Base with the addition of Vitox and Soluble Haemoglobin

Tested with the addition of Haemophilus Test Medium Supplement SR0158

### Reactions after incubation at 35 ± 2°C for 20-24 hours in 5% CO<sub>2</sub> atmosphere

Medium is challenged with 10-100 colony-forming units

<i>Haemophilus influenzae</i>	ATCC®9334	0.5-2mm straw colonies
<i>Haemophilus influenzae</i>	ATCC®35056	0.5-2mm straw colonies
<i>Haemophilus influenzae</i>	ATCC®10211	0.5-2mm straw 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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Antibiotic susceptibility quality control parameters are in accordance with the testing conditions in the CLSI M100 and Table 4B. Disk Diffusion QC ranges for Fastidious Organisms.

Diffusion tests meet the acceptance limits after incubation at  $35 \pm 2^{\circ}\text{C}$  for 16-18 hours in 5%  $\text{CO}_2$  atmosphere

*Haemophilus influenzae* ATCC®49247

*Haemophilus influenzae* ATCC®49766

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### Revision History

Section / Step	Description of Change	Reason for Change	Reference
Disc Diffusion	Addition of incubation temperature and time for clarity.	Change control	MOC-2022-0904