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OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION		
ALKALINE PEPTONE WATER CM1028		

ALKALINE PEPTONE WATER

CM1028

Typical Formula*

Peptone	grams per litre	10.0
Sodium chloride		20.0

*Adjusted as required to meet performance standards

Directions

Suspend 30g in 1 litre of distilled water and distribute into final containers. Sterilize by autoclaving at 121°C for 15 minutes.

Physical Characteristics

Straw, free-flowing powder
 Colour on reconstitution – straw 1 to straw 2/3
 Moisture level - less than or equal to 7%
 pH - 8.6 ± 0.2 at 25°C
 Clarity - clear

Microbiological Tests using Optimum Inoculum Dilution


Control Medium: Columbia Blood Agar Base enriched with 5% v/v horse blood

Reactions after incubation at 37°C for 18 hours

Medium is challenged with 10-100 colony-forming units

<i>Vibrio cholerae</i>	NCTC11348	Turbid growth
<i>Vibrio parahaemolyticus</i>	NCTC10885	Turbid growth
<i>Vibrio furnissii</i>	NCTC11218	Turbid growth
<i>Vibrio vulnificus</i>	ATCC®29307	Turbid growth

A satisfactory result is represented by visible growth.

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Revision History

Section / Step	Description of Change	Reason for Change	Reference
Physical characteristics	Update to colour on reconstitution.	Change control	MOC-2024-1227