

ThermoFisher SCIENTIFIC	Document Owner Department: QC	BT-SPEC-0281
		Page 1 of 2
OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION		
ALKALINE SALINE PEPTONE WATER (ISO)		

ALKALINE SALINE PEPTONE WATER (ISO)

CM1117

Typical Formula*

Peptone	grams per litre	20.0
Sodium chloride		20.0

* adjusted as required to meet performance standards

Directions

Dissolve 40g in 1 litre of distilled water. Mix well and distribute into final containers. Sterilize by autoclaving at 121°C for 15 minutes.

Physical Characteristics

Straw, free-flowing powder
 Colour on reconstitution – 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.

	Document Owner Department: QC	BT-SPEC-0281
		Page 2 of 2
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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. Add control medium and result criteria.	Change control	BT-CC-1842