

	Document Owner Department: QC	BT-SPEC-0216
		Page 1 of 3
OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION		
AZIDE DEXTROSE BROTH (ROTHER) CM0868		

AZIDE DEXTROSE BROTH (ROTHER)

CM0868

Typical Formula*

	grams per litre
Peptone	20.0
Glucose	5.0
Sodium chloride	5.0
Di-potassium hydrogen phosphate	2.7
Potassium dihydrogen phosphate	2.7
Sodium azide	0.2

* adjusted as required to meet performance standards

Directions

To prepare single strength broth, suspend 35.6g in 1 litre of distilled water. Heat gently to dissolve completely. 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 3
 Moisture level - less than or equal to 7%
 pH - 6.8 ± 0.2 at 25°C
 Clarity - clear

Microbiological Tests Using Optimum Inoculum Dilution

Control Medium: Tryptone Soya Agar

Reactions after incubation at 37°C for 48 hours

Medium is challenged with 10-100 colony-forming units

<i>Enterococcus faecalis</i>	ATCC®29212	Turbid growth
<i>Enterococcus faecalis</i>	ATCC®33186	Turbid growth
<i>Enterococcus faecalis</i>	ATCC®19433	Turbid growth

Medium is challenged with 1E+04 to 1E+06 colony-forming units

<i>Pseudomonas aeruginosa</i>	ATCC®27853	No growth
<i>Escherichia coli</i>	ATCC®25922	No growth

Additional challenging strains are employed

ThermoFisher SCIENTIFIC	Document Owner Department: QC	BT-SPEC-0216 Page 2 of 3
OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION		
AZIDE DEXTROSE BROTH (ROTHER) CM0868		

A satisfactory result is represented by visible growth. Negative strains are inhibited.

ThermoFisher S C I E N T I F I C	Document Owner Department: QC	BT-SPEC-0216 Page 3 of 3
OXOID QUALITY ASSURANCE PRODUCT SPECIFICATION		
AZIDE DEXTROSE BROTH (ROTHER) CM0868		

Revision History

Section / Step	Description of Change	Reason for Change	Reference
Entire Document	Update to new document format and correction of typographical/minor errors Addition of control media + result criteria.	Change control	BT-CC-1924