

BT-SPEC-0230**Distribution:** Central File**Date:** 29/07/08**Supersedes:** 22/11/06**OXOID QUALITY ASSURANCE****PRODUCT SPECIFICATION****BRILLIANCE™ E. COLI/COLIFORM MEDIUM (OXOID)****CM0956****Formula**

Peptone	grams per litre	5.0
Lactose		2.5
Yeast extract		3.0
Sodium chloride		5.0
Neutral red		0.03
Di-sodium hydrogen phosphate		3.5
Potassium di-hydrogen phosphate		1.5
Agar		15.0
Chromogenic mix		20.3

Directions

Suspend 55.8g in 1 litre of distilled water. Bring gently to the boil. Sterilize by autoclaving at 121°C for 15 minutes. Cool to 50°C, mix well to resuspend and pour plates.

Physical Characteristics

Straw, free flowing powder

Moisture level - less than 7%

pH - 7.0 ± 0.2 at 25°C

Clarity - passes test

Gel strength - firm, comparable to 15g/litre Agar

Bacteriological Tests Using Optimum Inoculum Dilution**Reactions after incubation at 37°C for 18 hours**

<i>Escherichia coli</i>	ATCC® 25922	1-1.5mm purple colonies with purple halo
<i>Escherichia coli</i>	NCTC 10418	1-1.5mm purple colonies with purple halo
<i>Escherichia coli</i>	ATCC® 11775	1-1.5mm purple colonies with purple halo
<i>Klebsiella pneumoniae</i>	ATCC® 13883	1-1.5mm rose/pink colonies
<i>Klebsiella pneumoniae</i>	ATCC® 29665	1-1.5mm rose/pink colonies
<i>Enterobacter cloacae</i>	ATCC® 23355	1-1.5mm rose/pink colonies
<i>Enterobacter aerogenes</i>	ATCC® 13048	1-1.5mm rose/pink colonies

Pseudomonas aeruginosa ATCC® 27853 1-1.5mm irregular straw colonies