

## OXOID PRODUCT SPECIFICATION

### UREA AGAR SLOPE

BOO337B

#### Typical Formula

	grams per litre
Peptone	1.0
Glucose	1.0
Sodium chloride	5.0
Disodium phosphate	1.2
Potassium dihydrogen phosphate	0.8
Phenol red	0.012
Agar	15.0

#### Addition

Sterile 40% Urea Solution	50ml
---------------------------	------

#### Preparation

Suspend Urea Agar Base (24 grams / 950ml) in de-ionised water. Sterilise at 115°C for 20 minutes. Cool and aseptically add sterile 40% Urea Solution (as above), mix. Aseptically dispense 3ml into final containers, sterile bijou bottles. Set in sloped position. Label each bottle and pack in units of 24 into labelled boxes.

#### Format

Twenty four bijou bottles with plastic screw cap closures in a box.

#### Labels

Label gives details of product name, product code, recommended storage temperature, lot number and expiry date.

#### Physical Characteristics

##### Physical Tests

pH	6.8 ± 0.2
Colour	Orange
Clarity	Clear
Fill weight	3.0g + 0.3g

#### Packaging and presentation:

General appearance of bottle and label should be satisfactory. Label data should be correct.

#### Sterility Test

Macroscopic examination should show no evidence of microbial growth after incubation at 20 - 24°C and 30 - 34°C for 5 days.

## Microbiological Tests Using Optimum Inoculum Dilution

### Results after incubation at 35-39°C for 18 - 24 hours

Inoculum 10-100 colony forming units.

#### Positive controls

*Proteus vulgaris*

ATCC® 13315

Urease positive, pink slope

*Escherichia coli*

ATCC® 25922

Urease negative, no colour change / yellow

#### **Storage conditions**

Store away from light between 2 - 10°C.