ISO-SENSITEST AGAR   **PO0144A**

Typical Formula

	grams per litre
Hydrolysed casein	11.0
Peptones	3.0
Glucose	2.0
Sodium chloride	3.0
Soluble starch	1.0
Disodium hydrogen phosphate	2.0
Sodium acetate	1.0
Magnesium glycerophosphate	0.2
Calcium gluconate	0.1
Cobaltous sulphate	0.001
Cupric sulphate	0.001
Zinc sulphate	0.001
Ferrous sulphate	0.001
Manganous chloride	0.002
Menadione	0.001
Cyanocobalamin	0.001
L-Cysteine hydrochloride	0.02
L-Tryptophan	0.02
Pyridoxine	0.003
Pantothenate	0.003
Nicotinamide	0.003
Biotin	0.0003
Thiamine	0.00004
Adenine	0.01
Guanine	0.01
Xanthine	0.01
Uracil	0.01
Agar	8.0

Preparation
Suspend Iso-Sensitest Agar (31.4 grams / litre) in de-ionised water. Sterilise at 121°C for 15 minutes. Cool, and aseptically dispense into Petri dishes. Label dishes, wrap and label pack.

Format
Ten 90mm plates, wrapped in a single cellulose-based film wrap Each plate is ink-jet printed with (abbreviated) product name, product code, lot number and expiry date.

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

Physical Characteristics

Physical Tests
pH	7.4 ± 0.2
Colour	Straw
Clarity	Clear
Fill weight	19.5g ± 1.0g

Revision date: May 2008

Packaging and presentation:
General appearance of packaging 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

Positive controls
Inoculum 10-100 colony forming units

Staphylococcus aureus	ATCC$^®$ 25923	Cream colonies
Escherichia coli	ATCC$^®$ 25922	Straw colonies
Pseudomonas aeruginosa	ATCC$^®$ 27853	Straw colonies
Enterococcus faecalis	ATCC$^®$ 29212	Straw colonies

Colony counts shall be equal to or greater than 70% of the control medium.

Storage conditions

Store away from the light between 2-10°C.