Distribution: Central File

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OXOID QUALITY ASSURANCE

PRODUCT SPECIFICATION

DNASE AGAR **PO0128A**

Typical Formula, CM321

	grams per litre
Tryptose	20.0
Deoxyribonucleic acid	2.0
Sodium chloride	5.0
Agar	12.0

Preparation

Suspend DNase Agar (39g/litre) in deionised water. Sterilise at 121°C for 15 minutes. 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	- 7.3 ± 0.2
Colour	- Straw
Clarity	- Clear
Fill volume	- 19.5 ± 1ml

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 20-25°C and 30-35°C for 5 days.

Microbiological Tests Using Optimum Inoculum Dilution

Results after incubation at 37°C for 18 hours

Inoculum less than 100 colony forming units

For diagnostic reaction, DNase activity, flood plates with IN HCL after incubation. Allow to stand for a few minutes. Examine for zone of clearing around the colonies.

Staphylococcus aureus	ATCC 25923	Growth with clear zones
Staphylococcus aureus MRSA	NCTC 10442	Growth with clear zones
Staphylococcus epidermidis	ATCC 12228	Growth, no clearing

Colony counts shall be equal to or greater than 50% of the control medium.

Well defined clear zones DNase positive.
No clear zones. DNase negative.

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