



**NALIDIXIC SELECTIVE SUPPLEMENT**

**TS 020**

**DESCRIPTION**

An antibiotic supplement recommended for the selective isolation of *Pseudomonas aeruginosa* from clinical specimens.

**PRINCIPLES OF THE PROCEDURE**

**APPLIED IN MEDIUM**

TM 060                      CETRIMIDE AGAR BASE  
TMV 060                    CETRIMIDE AGAR BASE (VEG.)

**COMPOSITION**

Ingredients	Concentration
Nalidixic acid	15mg

**INSTRUCTIONS FOR USE**

1. Rehydrate the content of 1 vial aseptically with 5 ml of sterile distilled water.
2. Mix well and aseptically add to 1000 ml of sterile, molten, cooled (45-50°C) Cetrимide Agar Base (TM 060) and Cetrимide Agar Base (VEG.) (TMV 060).
3. Mix well and pour into sterile petri plates.
4. Use the medium according to the manufacturer’s recommendation.

**MICROBIOLOGICAL PARAMETERS (GROWTH PROMOTION TEST)**

Culture characteristics observed after incubation period of 18 - 72 hours at 30 - 35°C, w/ added Nalidixic Selective Supplement (TS 020).

Microorganisms	ATCC	*Inoculum (CFU)	Growth	Standard recovery (%)
<i>Pseudomonas aeruginosa</i>	9027	50-100	Luxuriant	≥ 50%
<i>Pseudomonas aeruginosa</i>	27853	50-100	Luxuriant	≥ 50%
<i>Staphylococcus aureus</i>	25923	≥ 1000	Inhibited	0%
<i>Escherichia coli</i>	25922	≥ 1000	Inhibited	0%
<i>Salmonella typhimurium</i>	14028	≥ 1000	Inhibited	0%



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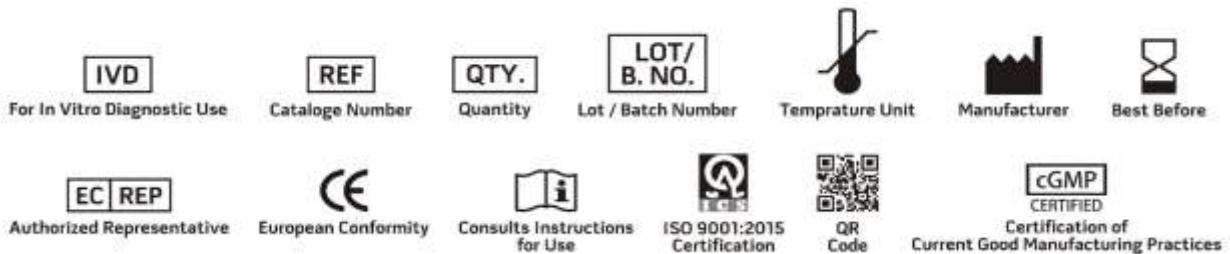
## PRODUCT DATA SHEET

### STORAGE AND STABILITY

Store the supplement vials at 2-8°C in its original packaging. If opened and not completely utilized, be certain that aseptic dispensing procedures are followed to maintain sterility of the emulsion. Protect from contamination by keeping container tightly closed

### EXPIRATION

Do not use the material after the expiry period mentioned on the label. Expiry applies to emulsion in its intact container when stored as directed. Eliminate without using if any signs of deterioration are observed.



**NOTE:** Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.