



# POTASSIUM TELLURITE 1% Supplement

Selective supplement for the isolation of Staphylococci

## DESCRIPTION

POTASSIUM TELLURITE 1% Supplement is a selective supplement consisting of a 1% potassium tellurite aqueous solution for microbiological use, to be used in preparation of VOGEL JOHNSON AGAR culture medium (REF. 610186 or 620186) for isolation of Staphylococci and in other culture media the composition of which provides for the inclusion of potassium tellurite.

## KIT CONTENTS

Each kit contains:

- bottles containing 10 ml of POTASSIUM TELLURITE 1% Supplement
- 1 Instruction sheet

## PRINCIPLE OF THE METHOD

POTASSIUM TELLURITE 1% Supplement is a selective supplement used in preparation of the VOGEL JOHNSON AGAR medium (REF. 610186 or 620186) for isolation of Staphylococci. These micro-organisms, which reduce the tellurite to tellurium, grow with grey-black colonies. Potassium tellurite is also included in the composition of other culture media.

## COMPOSITION

<b>POTASSIUM TELLURITE 1% Supplement</b>	
<i>Contents / bottle</i>	
Potassium tellurite	100.0 mg
Distilled water	10.0 ml

## PROCEDURE FOR USE

1. Aseptically add the entire contents of a bottle of POTASSIUM TELLURITE 1% Supplement (10 ml) to 500 ml of VOGEL JOHNSON AGAR medium (REF. 610186 or 620186) autoclaved and cooled to 45-50°C. When potassium tellurite is included in the composition of other media, refer to the specific instructions for the medium concerned on the quantity of POTASSIUM TELLURITE 1% Supplement that should be added to it.
2. Mix with care.
3. Distribute into Petri dishes.

## TECHNIQUE AND INTERPRETATION OF THE RESULTS

Refer to the technical documentation for VOGEL JOHNSON AGAR medium (REF. 610186 or 620186), or for the specific medium being prepared.

## QUALITY CONTROL

1. Visual inspection: clear, colourless solution.
2. Microbiological control.

Prepare the plates using as base VOGEL JOHNSON AGAR medium (REF. 610186 or 620186) supplemented with POTASSIUM TELLURITE 1% Supplement (1 bottle in 500 ml of medium). The plates are seeded with the strains indicated in the microbiological control table.

Incubation conditions: 24-48 h at 36±1°C.

Microbiological control

Control strains	Growth	Colonies
<i>Staphylococcus aureus</i>	Good	Black
<i>Escherichia coli</i>	Inhibited	-----

## PRECAUTIONS

The product POTASSIUM TELLURITE 1% Supplement is not classified as dangerous under current legislation; it is nevertheless recommended that the Safety Data Sheet be consulted on its correct use.

POTASSIUM TELLURITE 1% Supplement is a supplement to be used only for *in vitro* diagnostic use. It is intended for use in a professional environment and must be used in the laboratory by properly trained personnel, using approved asepsis and safety methods for handling pathogenic agents.


## STORAGE

Store POTASSIUM TELLURITE 1% Supplement at 2-8°C in its original packaging. In such conditions POTASSIUM TELLURITE 1% Supplement will remain valid until the expiry date indicated on the label. Do not use beyond that date. Eliminate without using if there are signs of deterioration.










## REFERENCES

- United States Pharmacopoeia XXI (1985) Microbial Limit Tests. Rockville. Md.
- Vogel, R.A., and Johnson, M.J. (1961). Pub. Hlth. Lab. 18: 131.

## PRESENTATION

product	REF	
POTASSIUM TELLURITE 1% Supplement	80022	5 bottles x 10 ml
POTASSIUM TELLURITE 1% Supplement	80422	10 bottles x 10 ml

## TABLE OF SYMBOLS

 In Vitro Diagnostic Medical Device	 Do not reuse	 Manufacturer	 Contains sufficient for <n> tests	 Temperature limitation
 Catalogue number	 Fragile, handle with care	 Use by	 Caution, consult accompanying documents	 Batch code



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