



Gentian Violet

S010

+ P V G P F G F 7 U G

+ V K U W U G F C U U V C K P K P I U Q N W V K Q P H Q T O Q P Q E J T Q O G U V C K P K P I Q H O K E T

Composition**

Gentian violet	0.500 I O
Distilled water	100.000 O N

**Formula adjusted, standardized to suit performance parameters

Directions

- 1) Prepare a smear on a clear, dry glass slide.
- 2) Allow it to air dry and fix with gentle heat.
- 3) Flood the slide with Gentian Violet (S010).
- 4) Allow the stain to be in contact with the smear for 1-2 minutes.
- 5) Wash in slow-running water, just enough to remove excess of dye.
- 6) Flood the smear with Iodine, drain and flood again with Iodine for 1 minute.
- 7) Wash with decolourizer (alcohol) for about 5-15 seconds. Wash the slide to stop the action of decolourizer.
- 8) Flood with safranin for 1 minute, wash very lightly.
- 9) Blot dry and examine under oil immersion objective.

Principle And Interpretation

) G P V K C P 8 K Q N G V K U W U G F C U C U K O R N G U V C K P Y J G T G K V E C P T G P F G T V J G H Q T F K U V K P I W K U J K P I D G V Y G G P I T C O R Q U K V K X G C P F I T C O P G I C V K X G Q T I C X K Q N G V J C U T G R N C E G F I G P V K C P X K Q N G V D G E C W U G Q H V J G F G H K P G F E J G O Q T K I K P C N N [W U G F H Q T C O K Z V W T G Q H O G V J [N R C T C T Q U C P K N K P G F [G U O G E T [U V C N X K Q N G V

Uzpf!og!spfdimfn

Clinical samples - Blood, urine, CSF, pus, wounds, lesions, body tissues, sputum etc. ; food & dairy samples ; Water samples

Specimen Collection and Handling

For clinical samples follow appropriate techniques for handling specimens as per established guidelines (1, 2).
 For food and dairy samples, follow appropriate techniques for sample collection and processing as per guidelines (3, 4).
 For water samples, follow appropriate techniques for sample collection, processing as per guidelines and local standards(5). After use, contaminated materials must be sterilized by autoclaving before discarding.

mhmf mc O d tshnmr

HnUhs neh fmnrrsh rd nm Qd c sgd ad aden dhodmhmf sgdms hmd d o nsd shufdnudr o nsd shudnsghmf d d o nsd shnen do nsd shnmn nvfnnc lh nahn nfh a o sh drgh dg mc hmfod hldmr mc t st d Rs mc c o d tshnmrrod drs a hrgdfthe dhmdgnt cad en nvdvgh dg mc hmf hm rod hldmrR esd fthcd hmdr ad ded dc hm hmchuhct r eds c s rgddsr

hlhs shnmr

0 Use results of Gram stains in conjunction with other clinical and laboratory findings Use additional procedures (e.g special stains inclusion of selective media etc)to confirm findings suggested by gram stained smears

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Performance and Evaluation

Performance of the product is expected when used as per the direction on the label within the expiry period when stored at recommended temperature.

Quality Control!

Appearance

Dark purple coloured solution.

Clarity

Clear without any particles.

Microscopic Examination

Gram staining is carried out where Gentian Violet is used as one of the stains and staining characteristics of organisms are observed under microscope using oil immersion lens.

Results

Hsbm . qpt jujwf !pshbojtn t !!!!!!!;!!Wjprfu

!Hsbm . of hbjwf !pshbojtn t !! !!;!! Qdc

P u f s!frfn f out !!!!!!!!!!!!!!!!!!!!!!!;! Wbsjpv t i bef t !pg!sf e !p!qvsqrf!

Storage and Shelf Life

Store between 10- 30°C in tightly closed container and away from bright light. Use before expiry date on label. On opening, product should be properly stored in dry ventilated area protected from extremes of temperature and sources of ignition. Seal the container tightly after use.

Disposal

User must ensure safe disposal by autoclaving and/or incineration of used or unusable preparations of this product. Follow established laboratory procedures in disposing of infectious materials and material that comes into contact with clinical sample must be decontaminated and disposed of in accordance with current laboratory techniques (3,4).

Reference

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