

BA080

TOPFER REAGENT

Formula

Reagents:

Dimethylamino benzene	0.50 g
Alcohol	100.00 ml

Directions:

1. Filter the contents of sample, if required.
2. Take 10 ml of sample in a porcelain evaporating dish and add 1-2 drops of reagent and 1-2 drops of 1% alcoholic solution of phenolphthalein.
3. Titrate with 0.1 N NaOH until red colour disappears. This reading is for free acid.
4. Continue titration until the red colour of phenolphthalein appears, further addition of alkali does not darken the red colour. This is for total acidity, counting from the original reading.

Quality Control:

Appearance: orange, clear liquid.

Test: Gastric analysis is carried out using Topfer reagent as an indicator for the titration of gastric acid with 0.1 N sodium hydroxide and phenolphthalein.

Results : Can be calculated as : % Free HCl acidity = No. of mm from beginning x 10 to the first reading
% Total acidity = No. of mm from beginning x 10 to the last reading

Storage: Below 30°C

Packing : 100 ml bottle

Warning & Precautions :

In Vitro diagnostic Use only. For professional use only. For Laboratory Use. Read the label before opening the container. Wear protective gloves/protective clothing/ eye protection/ face protection. Follow good microbiological lab practices while handling specimens and culture. Standard precautions as per established guidelines should be followed while handling clinical specimens. Safety guidelines may be referred in individual safety data sheets.

Use: For gastric analysis.

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.

Disclaimer:

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related BIOMARKLABORATORIES publications.

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