

## **PURPOSE:**

Lactose solution for Hydrogen Breath test, for lactose intolerance diagnostic.

## **TECHNICAL INFORMATION:**

**Lactose** is a sugar found only in milk, but it is also present in dairy products and food items made with milk derivatives. A person with a severe lactose intolerance may have to avoid not only milk and milk products, such as ice cream, but other processed foods containing milk powder, whey, and so on.

Symptoms can range from mild discomfort to a severe reaction, depending on how much lactase the person produces, and how much dairy produce they consume.

They include:

- flatulence
- bloating
- abdominal pains
- nausea
- diarrhea

The person may have a sudden urge to use the bathroom 1 to 2 hours after consuming lactose. In severe cases, dehydration may occur.

## **PRESENTATION:**

- LACT-O-TEST LEMON:  
25 gr of lactose in 250 mL lemon flavor solution.

## **COMPOSITION:**

Anhydrous Lactose, citric acid (INS330), flavoring, sodium benzoate.

## **STORAGE AND TRANSPORTATION:**

Storage under 2-30°C temperature. Avoid light.

## **INSTRUCTIONS:**

1. Prior to Hydrogen breath test the patient fasts for at least 12 hours.
2. The patient must avoid physical exercises the day before the test.
3. Collect basal sample.
5. The patient ingests the sugar solution,
6. Samples of breath are collected and analyzed for hydrogen every 15 minutes for up to five hours.

## **QUALITY CONTROL:**

- Inspect every bottle before use.

## **BIBLIOGRAFY:**

- Stanley S. Raphael: Lynch: Técnicas de laboratório; 1986.
- Lima O. A.; Soares J.B; Greco J.B. Galizzi; Cançado J.R: Métodos de laboratório aplicados à clínica; 1992.
- Diabetes Mellitus. Informe de un grupo de la OMS. Organización Mundial de la Salud. Ginebra, 1985.
- North American Breth Testing Consensus: The American Journal of Gastroenterology; May 2017.

## **CONSUMER ATTENTION:**

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For Lot and expiry date please check bottle.

## **Manufacturer:**

RENYLAB QUIM. FARM. LTDA  
Rodovia BR 040 Km 697 - Caiçaras  
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