

PRODUCT INFORMATION

Snyder Test Agar

Cat. No. S19-119

DESCRIPTION

Snyder Test Agar is used for estimation of *Lactobacilli* counts in saliva based on acid production. Snyder described a test procedure for determining, by colorimetric analysis, the rate and amount of acid production by microorganisms in saliva. Dextrose is the carbohydrate, bromocresol green is the pH indicator and turns from green to yellow when dextrose is fermented.

FORMULA (g/L)

Enzymatic Digest of Casein	20.0 g	Bromocresol green	0.02 g
Dextrose	20.0 g	Agar	20.0 g
Sodium Chloride	5.0 g		

Final pH: 4.8 ± 0.2 at 25 °C

*Grams per liter may be adjusted or formula supplemented to obtain desired performance.

PREPARATION

Mix 65grams of the medium in one liter of purified water until evenly dispersed. Heat with repeated stirring and boil for one minute to dissolve completely. Distribute and autoclave at 121°C for 15 minutes.

QUALITY CONTROL SPECIFICATIONS

1. The powder is homogenous, free flowing and beige.
2. Visually the prepared medium is dark emerald green and slightly opalescent.
3. Expected cultural response after 18-72 hours at 35 °C.

ORGANISM	RESULT
<i>Lactobacillus casei</i> ATCC 393	Good Growth – Acid production
<i>Lactobacillus fermentum</i> ATCC 9338	Good Growth – Acid production
<i>Enterococcus plantarum</i> ATCC 8014	Good Growth – Acid production



STORAGE

Store the sealed bottle containing the dehydrated medium at 2 to 30°C. Once opened and recapped, place the container in a low humidity environment at the same storage temperature. Protect it from moisture and light. The dehydrated medium should be discarded if it is not free flowing or if the color has changed from the original color.

Version 01 – Date 05/06/24