

## PRODUCT INFORMATION

Schaedler Agar

Cat. No. S19-104

### DESCRIPTION

Schaedler Agar is used as a non-selective medium for cultivating and enumerating anaerobic and aerobic microorganisms from human fecal and gastrointestinal samples.

### FORMULA (g/L)

Tryptic Soy Broth	10.0 g	Yeast Extract	5.0 g
Casein Digest Peptone	3.5 g	Dextrose	5.0 g
Peptic Digest of Animal Tissue	3.5 g	Tris Amino Methane	3.0 g
Agar	11.5 g	L-Cystine	0.4 g
Hemin	0.01 g		

Final pH: 7.6 ± 0.2 at 25 °C

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

### PREPARATION

Mix 41.9 grams 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 light to medium amber, with trace to light haze.
3. Expected cultural response after 18-24 hours at 35 °C.

ORGANISM	RESULT
<i>Bacteroides fragilis</i> ATCC 25285	Good Growth
<i>Bacteroides vulgatus</i> ATCC 8482	Good Growth
<i>Clostridium perfringens</i> ATCC 13124	Good Growth
<i>Streptococcus pyogenes</i> ATCC 19615	Good Growth



## **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.

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