
Product Specification

Product Name: Thiosulfate Citrate Bile Salts Sucrose (TCBS Agar)

Product Code: SG7358 / SG7359

PRODUCT DESCRIPTION:

Thiosulfate Citrate Bile Salts Sucrose (TCBS Agar) is used for the selective isolation of enteropathogenic vibrio, especially for *Vibrio cholerae* and *Vibrio parahaemolyticus*. This product is available in both dehydrated and granulated form.

Use:

Stir to suspend 89.0 g of dehydrated/granulated medium in 1L distilled H₂O. Mix well with heat with frequent agitation. Boil for one minute or until it has completely dissolved. Do not autoclave. Allow to cool (40– 45°C) before making additions, such as antibiotics (if desired). Dispense into petri dishes. For laboratory use only.

Components:

Peptone - 10.0 g/L

Yeast Extract Powder - 5.0 g/L

Sodium Citrate - 10.0 g/L

Sodium Thiosulfate - 10.0 g/L

Sodium Chloride - 10.0 g/L

Ox Bile Powder - 5.0 g/L

Ferric Citrate - 1.0 g/L

Sodium Cholate - 3.0 g/L

Sucrose - 20.0 g/L

Bromothymol Blue - 0.04 g/L

Thymol Blue - 0.04 g/L

Agar - 15.0 g/L

Item	Description
<u>Physical and Chemical Tests</u>	
Appearance (dry):	Yellowish Powder / Granules
pH (@25°C):	8.6 ± 0.2
<u>Microbiological Tests</u>	
<i>Vibrio parahaemolyticus</i> (ATCC17802)	<u>Quality Control Results</u> PR ≥ 0.2, green colonies
<i>Escherichia coli</i> (ATCC25922)	G ≤ 1

* The microbiological test results were obtained from type cultures after incubation at a temperature of 36 ± 1°C and observed after 24 hours.

Storage: Store in a dry and dark place at room temperature. Tighten the cap immediately after use.