
Product Specification

Product Name: Salmonella Shigella Agar (SS)

Product Code: SG7265

PRODUCT DESCRIPTION:

Salmonella Shigella Agar (SS) is used for the isolation of Salmonella spp. and Shigella spp.

Use:

Stir to suspend 58.5 g of dehydrated medium in 1L distilled H₂O. Mix well with heat with frequent agitation. Boil for one minute or until it completely dissolves. Do not overheat or autoclave. Allow to cool (40– 45°C) before making additions, such as antibiotics (if desired), before dispensing into petri dishes. For laboratory use only.

Components:

Beef Extract – 5.0g/L

Proteose Peptone – 5.0g/L

Bile Salts No.3 – 3.5g/L

Lactose – 10.0g/L

Sodium Citrate – 8.5g/L

Sodium Thiosulfate – 8.5g/L

Ferric Citrate – 1.0g/L

Neutral Red – 0.025g/L

Brilliant Green – 0.00033g/L

Agar – 17.0g/L

Item	Description
<u>Physical and Chemical Tests</u>	
Appearance (dry):	Reddish Powder
pH (@25°C):	7.0 ± 0.2
<u>Microbiological Tests</u>	
<i>Salmonella Typhimurium</i> (ATCC 14028)	PR ≥ 0.5, black central colony
<i>Shigella flexneri</i> (CMCC(B)51572)	PR ≥ 0.5, colorless colonies, no black core
<i>Escherichia coli</i> (ATCC 25922)	G < 5, pinkish-red colonies
<i>Enterococcus faecalis</i> (ATCC 29212)	G ≤ 1
<u>Quality Control Results</u>	

* The microbiological test results were obtained from type cultures after incubation at a temperature of 36 ± 1°C and observed after 18 to 24 hours.

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