

Salmonella Shigella Agar (SS Agar)

N° Cat: 1064

N° Batch: 205182

Re-test Date: 5/2025



Formula in g/l

Bacteriological agar	13,5	Bile salts	8,5
Brilliant green	0,0003	Lactose	10
Beef extract	5	Neutral red	0,025
Peptone mixture	5	Sodium citrate	8,5
Sodium thiosulfate	8,5	Ferric citrate	1

Quality control

Solubility	Appearance	Color of the dehydrated medium	Color of the prepared medium	Final pH (25°)	Batch pH
w/o rests	Fine powder	Beige-pink	Red-orange	7,0±0,2	7,1

Microbiological test

Incubation conditions: (35±2 °C / 18-24 h).

Microorganisms	Specification	Characteristic reaction
Shigella flexneri ATCC 12022	Good growth	Colorless colony
Enterobacter aerogenes ATCC 13048	Partially inhibited growth	Cream-pink colony
Salmonella enteritidis ATCC 13076	Good growth	Colorless with black center colony
Salmonella typhimurium ATCC 14028	Good growth	Colorless with black center colony
Enterococcus faecalis ATCC 19433	Inhibited growth	
Escherichia coli ATCC 25922	Inhibited growth	
Salmonella typhi ATCC 6539	Good growth	Colorless with black center colony

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