

Product: SPS (Sulfite Polymyxin Sulfadiazine) Agar

Catalog Number: i23173

Lot Number:

Date of Release:

Expiration Date:

Dehydrated Appearance: Beige, free-flowing, homogeneous.

Solution: 4.0% solution, soluble in purified water upon boiling. Solution is light to medium amber, very slightly to slightly opalescent.

Prepared Appearance: Light to medium amber, slightly opalescent.

pH of 4.0% solution at 25 °C: 7.0 ± 0.2

Cultural Response: Prepare the medium per label directions. Inoculate using the pour plate technique and incubate anaerobically at $35 \pm 2^\circ\text{C}$ for 24-48 hours.

Organism	ATCC*	Inoculum CFU	Recovery	Colony color
<i>Clostridium perfringens</i>	12919	10^2-10^3	Good	Black
<i>Clostridium sporogenes</i>	11437	10^2-10^3	None to fair	Black
<i>Escherichia coli</i>	25922	10^2-10^3	Marked to complete inhibition	-
<i>Salmonella enterica</i> <i>subsp. enterica</i> <i>serotype Typhimurium</i>	14028	10^2-10^3	Marked to complete inhibition	-
<i>Staphylococcus aureus</i>	25923	10^2-10^3	Fair to good	White

*ATCC is a registered trade mark of the American Type Culture Collection.

QC Department