

Product: Brilliant-green Phenol-red Lactose Sucrose Agar (BPLS) Agar

Catalog Number: i23470

Lot Number:

Date of Release:

Expiration Date:

Dehydrated Appearance: Pink, free-flowing, homogeneous.

Solution: 5.2 % solution, soluble in purified water upon boiling. Solution is red, clear to slightly opalescent.

Prepared Appearance: The prepared medium is clear and red.

Gel Strength: Firm

pH of 5.2 % solution at 25 °C: 6.9 ± 0.2

Cultural Response: Medium was prepared according to label directions. Cultural response was observed after 24 hours of incubation at $35 \pm 2^\circ\text{C}$.

<i>Organism</i>	<i>ATCC*</i>	<i>CFU</i>	<i>Recovery Rate %</i>	<i>Colony color</i>	<i>Culture medium</i>
<i>Escherichia coli</i>	25922	10^3 - 10^5	Good	Yellow	Yellow
<i>Salmonella typhimurium</i>	14028	10^3 - 10^5	Good	Pink	Red
<i>Staphylococcus aureus</i>	25923	10^3 - 10^5	Not limited	Yellow	Yellow
<i>Enterococcus faecalis</i>	33186	10^3 - 10^5	Not limited	Yellow	Yellow
<i>Bacillus subtilis</i>	6633	10^3 - 10^5	Not limited	Orange/Yellow	Yellow

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

QC Department