

Product: Phenol Red Broth Base

Catalog Number: i23138

Lot Number:

Date of Release:

Expiration Date:

Dehydrated Appearance: Fine, homogeneous, free of extraneous material.

Solution: 1.5% solution, soluble in purified water. Solution is medium, orange-red to rose-red, clear to slightly hazy.

Prepared Appearance: Medium, orange-red to rose-red, clear to slightly hazy.

pH of 1.5% Solution at 25 °C: 7.4 ± 0.2

Cultural Response: Prepare the medium per label directions. Inoculate with fresh cultures and incubate at $35 \pm 2^\circ\text{C}$ for 42-48 hours.

Organism	ATCC*	Base	Dextrose	Lactose	Mannitol	Sucrose
<i>Escherichia coli</i>	25922	K	AG	AG	AG	
<i>Enterococcus faecalis</i>	33186		A	A		A
<i>Proteus vulgaris</i>	8427	K	A		K	AG
<i>Pseudomonas aeruginosa</i>	10145	K	K			
<i>Salmonella Typhimurium</i>	14028	K		K		K
<i>Shigella flexneri</i>	9199	K	A	K	A	K
<i>Staphylococcus aureus</i>	25923				A	

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

K = alkaline reaction, green medium, A = acid reaction, yellow medium, G = gas production

QC Department

شرکت زیست کاوش ایرانیان

کرج، ۴۵ متری گلشهر، بلوار پونه شرقی، ساختمان رامین، واحد ۱. تلفکس: ۰۲۶-۳۴۶۴۸۹۳۲

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