

Product: Columbia Blood Agar Base

Catalog Number: i23046

Lot Number:

Date of Release:

Expiration Date:

Dehydrated Appearance: Beige, free-flowing, homogeneous.

Solution: 4.4% solution, soluble in purified water upon boiling. Solution is light to medium amber, opalescent with fine precipitate.

Prepared Appearance: Plain – Light to medium amber, slightly opalescent to opalescent with fine precipitate. With sheep blood – Cherry red, opaque, no hemolysis.

pH of 4.4% solution at 25 °C: 7.3 ± 0.2

Cultural Response: Prepare the medium per label directions without (plain) and with 5% sheep blood (SB) for Columbia Blood Agar Base and with 5% sheep blood for Columbia Blood Agar Base . Inoculate and incubate at $35 \pm 2^\circ\text{C}$ with 5-10% CO₂ for 18-48 hours

Organism	ATCC	Inoculum CFU	Recovery Plain	Recovery with SB	Hemolysis
<i>E. coli</i>	25922	30-300	Good	Good	Beta
<i>Staphylococcus aureus</i>	25923	30-300	Good	Good	Beta
<i>Streptococcus pneumoniae</i>	6305	30-300	Good	Good	Alpha
<i>Neisseria meningitidis</i>	13090	30-300	Good	Good	Gamma (none)
<i>Streptococcus pyogenes</i>	19615	30-300	Good	Good	Beta

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

QC Department