



ISOLAB SDN BHD (428427-T)

No. 5, Jalan Anggerik Mokara 31/46,
Kota Kemuning, 40460 Shah Alam,
Selangor Darul Ehsan, Malaysia.

Tel : +6 03-5122 5331 / 5122 5337

Fax : +6 03-5122 7191

E-mail : enquiry@isolab.com.my

Website : http://www.isolab.com.my

QUALITY CONTROL CERTIFICATE

Date :

Page : 1 of 1

Product : Columbia Agar with 5% Horse Blood / CLED Agar (Two Compartments)

Catalog No. : ISO-S1010

Manufacture Date :

Batch No. :

Expiry Date :

A. PHYSICAL CHARACTERISTICS

1. Plate appearance : Dark Red no Browning (CHB) & Light green, slightly opalescent (CLED)
2. pH at 25°C : (pH specification range: 7.3 ± 0.2) Columbia Horse Blood Agar
pH at 25°C : (pH specification range: 7.3 ± 0.2) CLED Agar
3. Sterility : Passed inspection after 3 days.

B. BIOLOGICAL PERFORMANCE

Representative samples of this batch were inoculated with the test organisms, incubated under appropriate atmospheric conditions and gave cultural responses as indicated:

Test Organisms	ATCC®	Inoculum (CFU's)	Incubation	Result
Columbia Horse Blood Agar				
<i>Streptococcus pyogenes</i>	19615	100-1,000	35±2°C, CO ₂ , 24 hours	Satisfactory growth, beta hemolysis.
<i>Streptococcus pneumoniae</i>	6305	100-1,000	35±2°C, CO ₂ , 24 hours	Satisfactory growth, alpha hemolysis.
<i>Staphylococcus aureus</i>	25923	100-1,000	35±2°C, Aerobic, 24 hours	Satisfactory growth.
<i>Escherichia coli</i>	25922	100-1,000	35±2°C, Aerobic, 24 hours	Satisfactory growth.
<i>Shigella flexneri</i>	12022	100-1,000	35±2°C, Aerobic, 24 hours	Satisfactory growth.
CLED Agar				
<i>Staphylococcus aureus</i>	25923	100-1,000	35±2°C, Aerobic, 24 hours	Partial inhibition, deep yellow colonies, uniform in colour.
<i>Escherichia coli</i>	25922	100-1,000	35±2°C, Aerobic, 24 hours	Growth, yellow colonies with slightly deeper-yellow centres.
<i>Proteus vulgaris</i>	8427	100-1,000	35±2°C, Aerobic, 24 hours	Growth, translucent blue colonies, inhibition of swarming
<i>Pseudomonas aeruginosa</i>	27853	100-1,000	35±2°C, Aerobic, 24 hours	Growth, yellow to green colonies

Representative samples of this lot were tested for microbial load and were found to be acceptable.

The pH stated was obtained at time of release, the pH may vary within the stated range depending on age of product and type of pH meter and probe used.

Results reported were obtained at time of release.

QC Manager