

CERTIFICATE OF ANALYSIS

QA/F/01 Rev no. 03

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|--------------------------|-------------------------------------|
| PRODUCT : | Blood agar base w/low ph(w/o blood) |
| PRODUCT CODE NO.: | B430 |

QUALITY CONTROL TESTS : DEHYDRATED MEDIUM

| PARAMETERS | SPECIFICATIONS/STANDARD VALUES |
|-------------------|--------------------------------|
| COLOR | Cream to yellow |
| APPEARANCE | Homogenous free flowing powder |

QUALITY CONTROL TESTS : REHYDRATED MEDIUM

| PARAMETERS | SPECIFICATIONS/STANDARD VALUES |
|------------------------------------|--|
| pH(post autoclaving/heating) | 6.8+/-0.2 |
| COLOR (post autoclaving/heating) | a)Basal medium- Light amber to light yellow.b)After addition of 5%v/v sterile defibrinated blood- Cherry red |
| CLARITY (post autoclaving/heating) | A) Slightly opalescent gel. B) Opaque |

QUALITY CONTROL TESTS : MICROBIOLOGICAL

CULTURAL RESPONSE:

Cultural characteristics observed with added 5% w/v sterile defibrinated blood, after an incubation at 35-37°C for 18-48 Hours.

| Organism Description | Inoculum (CFU) | Growth (W/blood) | Recovery (w/o Blood) | Growth (with Bblood) | Recovery (with Bblood) | Haemolysis |
|--------------------------------------|----------------|------------------|----------------------|----------------------|------------------------|------------|
| Neisseria meningitidis ATCC13090 | [50-100] | [Fair-good] | [40-50%] | [Luxuriant] | [>=70%] | [none] |
| Staphylococcus aureus ATCC 25923 | [50-100] | [Fair -good] | [50-70%] | [Luxuriant] | [>=70%] | [beta] |
| Staphylococcus epidermidis ATCC12228 | [50-100] | [Good] | [50-70%] | [Luxuriant] | [>=70%] | [none] |
| Streptococcus pneumoniae ATCC6303 | [50-100] | [Fair-good] | [40-50] | [Luxuriant] | [>=70%] | [alpha] |
| Streptococcus pyogenes ATCC19615 | [50-100] | [fair-Good] | [40-50] | [Luxuriant] | [>=70%] | [Beta] |