

CERTIFICATE OF ANALYSIS

QA/F/01 Rev no. 03

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|--------------------------|---------------------------|
| PRODUCT : | Brain heart infusion agar |
| PRODUCT CODE NO.: | B1300 |

QUALITY CONTROL TESTS : DEHYDRATED MEDIUM

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

QUALITY CONTROL TESTS : REHYDRATED MEDIUM

| PARAMETERS | SPECIFICATIONS/STANDARD VALUES |
|------------------------------------|---|
| pH(post autoclaving/heating) | 7.4+/-0.2 |
| COLOR (post autoclaving/heating) | a)Basal medium-Light amber .b)With addition of 5%v/v sterile defibrinated blood- Cherry red |
| CLARITY (post autoclaving/heating) | a)Clear to slightly opalescent .b)Opaque |

QUALITY CONTROL TESTS : MICROBIOLOGICAL

CULTURAL RESPONSE:

Cultural characters observed after an incubation at 35-37°C for 18-24hours(if desired add 5% v/v sterile defibrinated blood)

| Organism Description | Inoculum (CFU) | Growth | Recovery |
|---------------------------------------|----------------|-------------|----------|
| Candida albicans ATCC 26790 | [50-100] | [Luxuriant] | [>=70%] |
| Staphylococcus aureus ATCC 25923 | [50-100] | [Luxuriant] | [>=70%] |
| Streptococcus pneumoniae ATCC 6303 | [50-100] | [Luxuriant] | [>=70%] |
| Shigella flexneri ATCC 12022 | [50-100] | [Luxuriant] | [>=70%] |
| Escherichia coli ATCC 25922 | [50-100] | [Luxuriant] | [>=70%] |
| Trichophyton mentagrophytes ATCC 9533 | [50-100] | [Luxuriant] | [>=70%] |

