

BIOMARK LABORATORIES, INDIA

CERTIFICATE OF ANALYSIS

PRODUCT : M-pa agar

PRODUCT CODE NO.: B1216

QUALITY CONTROL TESTS : DEHYDRATED MEDIUM

| PARAMETERS | SPECIFICATIONS/STANDARD VALUES |
|------------|--------------------------------|
| COLOR | Orangish pink |
| APPEARANCE | Homogenous free flowing powder |

QUALITY CONTROL TESTS : REHYDRATED MEDIUM

| PARAMETERS | SPECIFICATIONS/STANDARD VALUES |
|------------------------------------|--------------------------------|
| pH(post autoclaving/heating) | 7.2 + 0.2 |
| COLOR (post autoclaving/heating) | Orange Red |
| CLARITY (post autoclaving/heating) | Clear to slightly opalescent |

QUALITY CONTROL TESTS : MICROBIOLOGICAL

CULTURAL RESPONSE:

Cultural characteristics observed after an incubation at $41.5 \pm 0.5^{\circ}\text{C}$ for upto 72 hours.

| Organism Description | Inoculum(CFU) | Growth | Colour of medium |
|---------------------------------------|---------------|-------------------|-----------------------|
| Escherichia coli ATCC25922 | $\geq 10^3$ | [inhibited] | [-] |
| Klebsiella pneumoniaeATCC 13883 | $\geq 10^3$ | [inhibited] | [-] |
| Pseudomonas aeruginosa27853 | [50-100] | [good-luxuriant] | [good-luxuriant pink] |
| Salmonella Typhi ATCC6539 | $\geq 10^3$ | [inhibited] | [-] |
| Staphylococcus aureusATCC25923 | $\geq 10^3$ | [inhibited] | [-] |

This is to certify that this lot passes and it confirms to the above-mentioned tests and specifications. The information given here is believed to be correct and accurate, however, both the information and products are offered without warranty for any particulars use, other than that specified in the current Biomark literature. The results reported were obtained at the time of release.

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