



## CERTIFICATE OF ANALYSIS

|                                            |                                                                                  |
|--------------------------------------------|----------------------------------------------------------------------------------|
| Product Name                               | %5 Sheep Blood Agar / EMB Agar                                                   |
| Catalogue No                               | 03003                                                                            |
| Batch No                                   | 2312001                                                                          |
| Dehydrated Brand / Batch No / Expiry Date  | CBA: Oxoid/3718672/08-2028<br>Eosin Methylene Blue Agar: Oxoid / 3611311/01-2028 |
| Neutralizer Brand / Batch No / Expiry Date | -                                                                                |
| Production Date                            | 01.12.2023                                                                       |
| Expiry Date                                | 01.03.2024                                                                       |
| Storage Conditions                         | 2-12°C                                                                           |

### Physical & Chemical Specifications

|            |                                     |             |
|------------|-------------------------------------|-------------|
| Appearance | Must have a smooth surface          | Appropriate |
| Color      | Red / Reddish purple                | Appropriate |
| pH         | 7,4 ± 0,2(Blood Agar) -6,8±0,2(EMB) | 7,42 / 6,83 |

### Microbiological Specifications: Productivity and acc. To ISO/TS 11133

|                                      |                                                            |                    |                    |                              |             |
|--------------------------------------|------------------------------------------------------------|--------------------|--------------------|------------------------------|-------------|
| Method of control: Counting Method   | Inoculum: (+ control 10-100 cfu, - control 100 - 1000 cfu) |                    |                    | Incubation: 30-35 °C: 24-48h |             |
| Sterility                            | Incubation: (30-35°C : 4d)                                 |                    |                    | Sterile                      |             |
| QC Strains                           | ATCC                                                       | Results            |                    |                              |             |
|                                      |                                                            | Control            | Product            | Growth                       |             |
| Escherichia coli (Blood Agar)        | 25922                                                      | 73                 | 74                 | Good (γ hemolysis)           | Appropriate |
| Staphylococcus aureus (Blood Agar)   | 25923                                                      | 73                 | 75                 | Good (β hemolysis)           | Appropriate |
| Streptococcus pyogenes (Blood Agar)  | 19615                                                      | 71                 | 73                 | Good (β hemolysis)           | Appropriate |
| Streptococcus pneumonia (Blood Agar) | 6305                                                       | 72                 | 72                 | Good (α hemolysis)           | Appropriate |
| Escherichia coli (EMB Agar)          | 25922                                                      | 73                 | 73                 | Green metallic shine         | Appropriate |
| Salmonella typhimurium (EMB Agar)    | 14028                                                      | 70                 | 72                 | Good                         | Appropriate |
| Enterococcus faecalis (EMB Agar)     | 29212                                                      | Partial Inhibition | Partial Inhibition | Inhibition                   | Appropriate |
| Staphylococcus aureus (EMB Agar)     | 25923                                                      | Inhibition         | Inhibition         | Inhibition                   | Appropriate |

Acceptance Criteria: %50-200

|            |            |
|------------|------------|
| QC Date    | 05.12.2023 |
| QC Manager | Ali ARAS   |

This document has been prepared electronically.

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