

Certificate of Analysis

Certificate No: BMDX/COA/S/004/2023

Product Name: MacConkey III Agar

Product Code: FP90M1002

Date of Analysis: 15/11/2022 – 06/03/2023

Parameter Requirement: Physical, Chemical and Microbiological Analysis

| Physical & Chemical Test | Specification | Results |
|---------------------------------|--------------------------------|---------|
| Appearance | Dark red coloured gel. | Passed |
| Agar Structure | Attached to bottom | Passed |
| Precipitation | Absence | Passed |
| Shrinkage/Agar Periphery | No diameter reduction / smooth | Passed |
| Pour depth at centre plate (mm) | Not less than 3.0 mm | Passed |
| pH | 7.10 ± 0.2 | Passed |
| Weight | 30 ± 5% | Passed |
| Moisture | < 10% from the 1st test | Passed |
| Sterility | Sterile | Passed |

| Microbiological Test | Specification | Results |
|---------------------------------------|--|---------|
| <i>Proteus mirabilis</i> ® 12453 | Growth Colorless. Inhibition of swarming (partial) | Passed |
| <i>Salmonella typhimurium</i> ® 14028 | Growth Colourless | Passed |
| <i>Escherichia coli</i> ® 25922 | Good growth; red colonies with bile precipitation | Passed |
| <i>Enterococcus faecalis</i> ® 29212 | Inhibited | Passed |

Sample statement:

1. Media preparation and specification are followed according to Oxoid Manual 9th Edition 2006.
2. QC Organisms are prepared and followed according to NCCLS. Quality Control for Commercially Prepared Microbiological Culture Media; Approved Standard-Third Edition. NCCLS document M22-A3
3. Prepared media were kept in temperature conditions of 2-8°C.

Result:

The information given is believed to be correct, all results reported in this certificate relate only to the product in this certificate of analysis according to Oxoid Manual 9th Edition 2006.

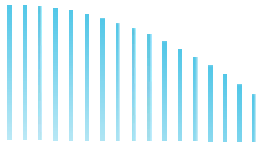
Sign by:



Elizabeth Tharanaju

Director of Application (Microb)

Date: 07/03/2023



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