# Certificate of Analysis

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## Solus Listeria Agar-OA
## Catalogue No. AGAR-0A020S

**Lot No.: 306143**
**D.O.M.: MAY.11.2021**
**Exp. Date: AUG.17.2021**

### PHYSICAL CHARACTERISTICS

| SPECIFICATION | ACCREDITED METHOD | EXPECTED RESULTS | ACTUAL RESULTS |
|---|---|---|---|
| Appearance: | LM not accredited | Straw, opaque agar | Straw, opaque agar |
| pH at 25°C: | LM3.5 | 7.2 ± 0.2 | 7.2 |
| Fill volume/weight per pack of 10: | LM3.4 | 316-345g | 330g |
| Sterility at 25 & 37°C ± 1°C for 5-7days: | LM3.6 | No Growth | No Growth |

### CULTURAL RESPONSE: tested in compliance to ISO 11133:2014+A1:2018

| MICROORGANISM | CULTURE ID | ACCREDITED METHOD | EXPECTED RESULTS | ACTUAL RESULTS |
|---|---|---|---|---|
| *Listeria monocytogenes* | WDCM 00109 | LM5.13 | Recovery >50%, blue, opaque halo | 91%, blue, opaque halo |
| *Listeria monocytogenes* | WDCM 00021 | LM5.13 | Recovery >50%, blue, opaque halo | 81%, blue, opaque halo |
| *Listeria innocua* | WDCM 00017 | LM6.9 | Blue, without halo | Blue, without halo |
| *Escherichia coli* | WDCM 00013 | LM6.9 | Total inhibition | Total inhibition |
| *Escherichia coli* | WDCM 00012 | LM6.9 | Total inhibition | Total inhibition |
| *Enterococcus faecalis* | WDCM 00087 | LM6.9 | Total inhibition | Total inhibition |
| *Enterococcus faecalis* | WDCM 00009 | LM6.9 | Total inhibition | Total inhibition |

Test Methods:
LM3.4 Fill volume weight check
LM3.5 pH test method
LM3.6 Sterility test method
LM5.13 Quantitative performance testing of solid medium LM6.9
LM6.9 Qualitative inoculation of solid medium

Testing relates only to samples representative of the manufactured lot that have met the specification/acceptance limits on the date of approval.
The Uncertainty of Measurement relating to fill volume, pH and microbiological performance has been determined.

Cultures used for challenge testing are from approved culture collections and testing is performed as per the requirements for ISO 11133:2014
The information given above is believed to be correct, however, performance is only warranted when the medium is used according to manufacturer's recommendations.

Gillian Bradley, Quality Manager

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