

CERTIFICATE OF ANALYSIS

| <u>PRODUCT DATA</u> | <u>FORMULA*</u> in g / L | | | | | | | | | | | | |
|---|---|------------------------|-------------|---------|--------------|--------|---------------------|---------------------------|--------------------|------------|---------------------------|------------|--|
| <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Product</td> <td>ACTERO LISTERIA</td> </tr> <tr> <td>Code</td> <td>FCM-203</td> </tr> <tr> <td>Batch</td> <td>103809</td> </tr> <tr> <td>Presentation</td> <td>3 Prepared Bags /3 L/Bags</td> </tr> <tr> <td>Expiry date</td> <td>02/02/2020</td> </tr> <tr> <td>Manufacturing date</td> <td>07/02/2019</td> </tr> </table> | Product | ACTERO LISTERIA | Code | FCM-203 | Batch | 103809 | Presentation | 3 Prepared Bags /3 L/Bags | Expiry date | 02/02/2020 | Manufacturing date | 07/02/2019 | Formula according to customer specifications |
| Product | ACTERO LISTERIA | | | | | | | | | | | | |
| Code | FCM-203 | | | | | | | | | | | | |
| Batch | 103809 | | | | | | | | | | | | |
| Presentation | 3 Prepared Bags /3 L/Bags | | | | | | | | | | | | |
| Expiry date | 02/02/2020 | | | | | | | | | | | | |
| Manufacturing date | 07/02/2019 | | | | | | | | | | | | |

| <u>PHYSICAL-CHEMICAL TEST</u> | |
|-------------------------------|--------------------|
| Colour | Intense Yellow |
| pH | 7,2 (7,2 ± 0,2) |
| Weight | 3000 (3000 ± 10 G) |
| Result: Satisfactory | |

*Adjusted and/or supplemented as required to meet performance criteria

| <u>STERILITY TEST</u> |
|--|
| Incubation 48 hours at 30-35°C and 48 hours at 20-25°C: NO GROWTH Check at 7 days after incubation in same conditions |
| Result: Satisfactory |

| <u>PERFORMANCE TEST</u> | | | |
|--|--|----------------|----------|
| Prepare Tubes - Inoculate with 100±20 CFU for Growth Promotion or 10 ⁴ -10 ⁶ CFU for Selectivity Microbiological control according to ISO 11133:2014/ Adm 1:2018. | | | |
| Aerobiosis. Incubation at 30 ± 1 °C during 18-24 h | | | |
| Microorganism | Specification | Inoculated CFU | Results |
| <i>Listeria monocytogenes</i> ATCC® 13932, WDCM 00021 + (1) + (2) | > 10 CFU. Blue-green coln. w. opaque halo (Ottaviani Agosti) | 85 | Conforms |
| <i>Listeria monocytogenes</i> ATCC® 35152, WDCM 00109 + (1) + (2) | > 10 CFU. Blue-green coln. w. opaque halo (Ottaviani Agosti) | 75 | Conforms |
| <i>Enterococcus faecalis</i> ATCC® 19433, WDCM 00009 | Inhibited | 10000 | Conforms |
| <i>Escherichia coli</i> ATCC® 8739, WDCM 00012 | Inhibited | 10000 | Conforms |
| Result: Satisfactory | | | |

This certificate does not release the user from the reception control upon receipt of the good.

This certificate is an electronic copy of the certificate available in our laboratory and does not require signature.

Quality release date: 13/02/2019