

## CERTIFICATE OF ANALYSIS

<u>PRODUCT DATA</u>	<u>FORMULA*</u> <span style="float: right;">in g / L</span>
<b>Product</b> <span style="float: right;"><i>ACTERO LISTERIA</i></span>  <b>Code</b> <span style="float: right;">FCM-203</span> <b>Batch</b> <span style="float: right;">103782</span> <b>Presentation</b> <span style="float: right;">3 Prepared Bags /3 L/Bags</span>  <b>Expiry date</b> <span style="float: right;">01/02/2020</span> <b>Manufacturing date</b> <span style="float: right;">06/02/2019</span>	Formula according to customer specifications

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

\*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
<b>Result: Satisfactory</b>

<u>PERFORMANCE TEST</u>			
Prepare Tubes - Inoculate with 100±20 CFU for Growth Promotion or 10 <sup>4</sup> -10 <sup>6</sup> 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)	76	Conforms
<i>Listeria monocytogenes</i> ATCC® 35152, WDCM 00109 + (1) + (2)	> 10 CFU. Blue-green coln. w. opaque halo (Ottaviani Agosti)	73	Conforms
<i>Enterococcus faecalis</i> ATCC® 19433, WDCM 00009	Inhibited	10000	Conforms
<i>Escherichia coli</i> ATCC® 8739, WDCM 00012	Inhibited	10000	Conforms
<b>Result: Satisfactory</b>			

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: 11/02/2019