

### CERTIFICATE OF ANALYSIS

<b>PRODUCT DATA</b>	
<b>Product</b>	<b>ACTERO LISTERIA</b>
<b>Code</b>	FCM-203
<b>Batch</b>	103731
<b>Presentation</b>	3 Prepared Bags /3 L/Bags
<b>Expiry date</b>	30/01/2020
<b>Manufacturing date</b>	04/02/2019

<b>FORMULA*</b>	<b>in g / L</b>
Formula according to customer specifications	
*Adjusted and/or supplemented as required to meet performance criteria	

<b>PHYSICAL-CHEMICAL TEST</b>	
<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>	

<b>STERILITY TEST</b>
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>

<b>PERFORMANCE TEST</b>			
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			
<b>Microorganism</b>	<b>Specification</b>	<b>Inoculated CFU</b>	<b>Results</b>
<i>Listeria monocytogenes</i> ATCC® 13932, WDCM 00021 + (1) + (2)	> 10 CFU. Blue-green coln. w. opaque halo (Ottaviani Agosti)	83	Conforms
<i>Listeria monocytogenes</i> ATCC® 35152, WDCM 00109 + (1) + (2)	> 10 CFU. Blue-green coln. w. opaque halo (Ottaviani Agosti)	89	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.

Quality control by: REACTIVOS PARA DIAGNOSTICO S.L.  
J. Tura, 9H, Pol "Mas d'en Cisa" 08181 Sentmenat - Barcelona

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

Quality release date: 07/02/2019