

## CERTIFICATE OF ANALYSIS

### PRODUCT DATA

<b>Product</b>	<b>ACTERO LISTERIA</b>
<b>Code</b>	FCM-204
<b>Batch</b>	105323
<b>Presentation</b>	2 Prepared Bags /5L/Bags 5L
<b>Expiry date</b>	10/04/2020
<b>Manufacturing date</b>	16/04/2019

### FORMULA\*

in g / L

Formula according to customer specifications

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

### PHYSICAL-CHEMICAL TEST

<b>Colour</b>	Intense Yellow
<b>pH</b>	7,1 (7,2 ± 0,2)
	5000 (5000 ± 15 )

Result: **Satisfactory**

### STERILITY TEST

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**

### PERFORMANCE TEST

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)	83	Conforms
<i>Listeria monocytogenes</i> ATCC® 35152, WDCM 00109 + (1) + (2)	> 10 CFU. Blue-green coln. w. opaque halo (Ottaviani Agosti)	79	Conforms
<i>Enterococcus faecalis</i> ATCC® 19433, WDCM 00009	Inhibited	70	Conforms
<i>Escherichia coli</i> ATCC® 8739, WDCM 00012	Inhibited	85	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: 02/05/2019