

CERTIFICATE OF ANALYSIS

<p><u>PRODUCT DATA</u></p> <p>Product ACTERO LISTERIA</p> <p>Code 6700</p> <p>Batch 95813</p> <p>Expiry date 2018/12/15</p> <p>Qc date 2017/12/20</p> <p>Presentation 3 Prepared Bags/Bags</p>	<p>FORMULA* in g / L</p> <p>Formula according to customer specifications</p> <p style="font-size: small; text-align: right;">*Adjusted and/or supplemented as required to meet performance criteria</p>																				
<p><u>PHYSICAL-CHEMICAL TEST</u></p> <p>Colour Intense Yellow</p> <p>pH 7,1 (7,2 ± 0,2)</p> <p>Weight 3000 (3000 ± 10 G)</p> <p style="text-align: right;">Result: Satisfactory</p>																					
<p><u>STERILITY TEST</u></p> <p>Incubation 48 hours at 30-35°C and 48 hours at 20-25°C: NO GROWTH</p> <p>Check at 7 days after incubation in same conditions</p> <p style="text-align: right;">Result: Satisfactory</p>																					
<p><u>FERTILITY TEST</u></p> <p>Prepare Tubes - Inoculate with 100±20 CFU for Growth Promotion or 10⁴-10⁶ CFU for Selectivity</p> <p>Microbiological control according to ISO 11133:2014</p> <p>Aerobiosis. Incubation at 30 ± 1 °C during 18-24 h</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">Microorganism</th> <th style="text-align: left;">Specification</th> <th colspan="2" style="text-align: left;">Inoculated CFU Results</th> </tr> </thead> <tbody> <tr> <td><i>Listeria monocytogenes</i> ATCC® 13932. WDCM 00021 + (1)</td> <td>> 10 CFU. Blue-green coln. w. opaque halo (Ottaviani</td> <td style="text-align: right;">117</td> <td>Conforms</td> </tr> <tr> <td><i>Listeria monocytogenes</i> ATCC® 35152. WDCM 00109 + (1)</td> <td>> 10 CFU. Blue-green coln. w. opaque halo (Ottaviani</td> <td style="text-align: right;">94</td> <td>Conforms</td> </tr> <tr> <td><i>Enterococcus faecalis</i> ATCC® 19433. WDCM 00009</td> <td>Inhibited</td> <td style="text-align: right;">10000</td> <td>Conforms</td> </tr> <tr> <td><i>Escherichia coli</i> ATCC® 8739. WDCM 00012</td> <td>Inhibited</td> <td style="text-align: right;">10000</td> <td>Conforms</td> </tr> </tbody> </table> <p style="font-size: small; margin-top: 10px;">*Microbiological quality criteria according to European Pharmacopoeia. Maximum acceptable count = 200 CFU</p> <p style="text-align: right;">Result: Satisfactory</p>		Microorganism	Specification	Inoculated CFU Results		<i>Listeria monocytogenes</i> ATCC® 13932. WDCM 00021 + (1)	> 10 CFU. Blue-green coln. w. opaque halo (Ottaviani	117	Conforms	<i>Listeria monocytogenes</i> ATCC® 35152. WDCM 00109 + (1)	> 10 CFU. Blue-green coln. w. opaque halo (Ottaviani	94	Conforms	<i>Enterococcus faecalis</i> ATCC® 19433. WDCM 00009	Inhibited	10000	Conforms	<i>Escherichia coli</i> ATCC® 8739. WDCM 00012	Inhibited	10000	Conforms
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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: 08/01/2018