

Certificate of Analysis



Product Code: LIS1-0480
Product: Solus ONE *Listeria* (5 plate)
LOT / Batch: NDL017
Date of Manufacture: 29.06.2020
Expiry Date: 28.06.2021

This batch has been quality control tested to the following criteria:

Batch homogeneity: CV% < 10%.
A panel of 9 non- *Listeria* spp: Satisfactory
A panel of 11 *Listeria* spp: Satisfactory

Performance of In house Reference Standards

| Sample | Net Signal OD | OD Specification |
|--|---------------|------------------|
| <i>D8 L. monocytogenes</i> 4a LMG16783 5x10 ⁴ | 0.858 | >0.500 |
| <i>D8 L. monocytogenes</i> 4a LMG16783 1x10 ⁵ | 1.561 | >1.500 |
| <i>D8 L. monocytogenes</i> 4a LMG16783 1x10 ⁶ | >2.500 | >2.000 |
| <i>G3 L. innocua</i> wild type 5x10 ⁴ | 0.533 | >0.500 |
| <i>G3 L. innocua</i> wild type 1x10 ⁵ | 1.553 | >1.500 |
| <i>G3 L. innocua</i> wild type 1x10 ⁶ | >2.500 | >2.000 |
| <i>D6 L. welshimeri</i> LMG11389 5x10 ⁴ | 1.715 | >0.500 |
| <i>D6 L. welshimeri</i> LMG11389 1x10 ⁵ | >2.500 | >1.400 |
| <i>D6 L. welshimeri</i> LMG11389 1x10 ⁶ | >2.500 | >2.000 |

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Net Optical Densities of samples grown in SOLO+ at 30.0°C for 24 hours and boiled at 85-100°C for 20 minutes. Cultures are then diluted 1:1000 in SOLO+ prior to analysis.

| | 1 | 2 | 3 |
|---|--------------------------------------|--|--|
| A | Negative control 0.028 | D7 <i>L. monocytogenes</i> >2.500 | E8 <i>Brochothrix thermosphacta</i> 0.036 |
| B | Positive control >2.500 | D8 <i>L. monocytogenes</i> >2.500 | E9 <i>Bacillus cereus</i> 0.035 |
| C | Substrate blank 0.050 | D9 <i>L. monocytogenes</i> >2.500 | E6 <i>Enterococcus faecalis</i> 0.035 |
| D | G10 <i>L. innocua</i> >2.500 | C10 <i>L. monocytogenes</i> >2.500 | A8 <i>Escherichia coli</i> 0.025 |
| E | D5 <i>L. ivanovii</i> >2.500 | AH10 <i>L. ivanovii</i> <i>londoniensis</i> >2.500 | C1 <i>Staphylococcus aureus</i> 0.031 |
| F | D6 <i>L. welshimeri</i> >2.500 | G3 <i>L. innocua</i> >2.500 | E2 <i>Escherichia coli</i> (Wild Type) 0.028 |
| G | D2 <i>L. grayii</i> >2.500 | F1 <i>Streptococcus bovis</i> 0.043 | F10 <i>Enterococcus faecalis</i> (Wild type) 0.027 |
| H | D1 <i>L. monocytogenes</i> >2.500 | E7 <i>Kurthia zopfii</i> 0.034 | Absorbances read at 450nm |

Production Batch is approved for release as it gives satisfactory QC performance.

Signed: Technical director/~~Finance Leader~~/~~Quality Manager~~

D. Schlingensiefel

Date: 8/7/20