

Certificate of Analysis



Product Code: LIS1-0480
Product: Solus ONE *Listeria* (5 plate)
LOT / Batch: NDL020
Date of Manufacture: 14.12.2020
Expiry Date: 13.06.2022

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
D8 <i>L. monocytogenes</i> 4a LMG16783 5x10 ⁴	1.389	>0.500
D8 <i>L. monocytogenes</i> 4a LMG16783 1x10 ⁵	>2.500	>1.500
D8 <i>L. monocytogenes</i> 4a LMG16783 1x10 ⁶	>2.500	>2.000
G3 <i>L. innocua</i> wild type 5x10 ⁴	0.640	>0.500
G3 <i>L. innocua</i> wild type 1x10 ⁵	>2.500	>1.500
G3 <i>L. innocua</i> wild type 1x10 ⁶	>2.500	>2.000
D6 <i>L. welshimeri</i> LMG11389 5x10 ⁴	2.037	>0.500
D6 <i>L. welshimeri</i> LMG11389 1x10 ⁵	>2.500	>1.400
D6 <i>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. *Listeria* cultures are diluted 1:100 in SOLO+ prior to analysis.

	1	2	3
A	Negative control 0.023	<i>D7 L. monocytogenes</i> >2.500	<i>E8 Brochothrix thermosphacta</i> 0.025
B	Positive control >2.500	<i>D8 L. monocytogenes</i> >2.500	<i>E9 Bacillus cereus</i> 0.030
C	Substrate blank 0.043	<i>D9 L. monocytogenes</i> >2.500	<i>E6 Enterococcus faecalis</i> 0.038
D	<i>G10 L. innocua</i> >2.500	<i>C10 L. monocytogenes</i> >2.500	<i>A8 Escherichia coli</i> 0.042
E	<i>D5 L. ivanovii</i> >2.500	<i>AH10 L. ivanovii</i> <i>londoniensis</i> >2.500	<i>C1 Staphylococcus aureus</i> 0.054
F	<i>D6 L. welshimeri</i> >2.500	<i>G3 L. innocua</i> >2.500	<i>E2 Escherichia coli</i> (Wild Type) 0.050
G	<i>D2 L. grayii</i> >2.500	<i>F1 Streptococcus bovis</i> 0.032	<i>F10 Enterococcus faecalis</i> (Wild type) 0.043
H	<i>D1 L. monocytogenes</i> >2.500	<i>E7 Kurthia zopfii</i> 0.029	Absorbances read at 450nm

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

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

Date: 7/1/21.