

Certificate of Analysis

Product Code:	LIS1-0480
Product:	Solus ONE <i>Listeria</i> ELISA (5 plate)
LOT/Batch:	NDL013
Date of Manufacture/Test:	01.10.2019
Expiry Date:	30.09.2020

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

Batch homogeneity: CV%	< 10%.
A panel of 10 non- <i>Listeria spp.</i>	<u>Satisfactory</u>
A panel of 9 <i>Listeria spp</i>	<u>Satisfactory</u>

Performance of In house Reference Standards

Sample	Net Signal OD	OD Specification
<i>L. monocytogenes</i> 4a LMG16783 5x10 ⁴	0.632	>0.500
<i>L. monocytogenes</i> 4a LMG16783 10 ⁵	>2.500	>1.500
<i>L. monocytogenes</i> 4a LMG16783 10 ⁶	>2.500	>2.000
<i>L. innocua</i> wild type 5x10 ⁴	0.591	>0.500
<i>L. innocua</i> wild type 10 ⁵	>2.500	>1.500
<i>L. innocua</i> wild type 10 ⁶	>2.500	>2.000
<i>L. welshimeri</i> LMG11389 5x10 ⁴	0.625	>0.500
<i>L. welshimeri</i> LMG11389 10 ⁵	1.447	>1.400
<i>L. welshimeri</i> LMG11389 10 ⁶	>2.500	>2.000

Solus Scientific Solutions Ltd

9 Mansfield Networkcentre, Millennium Business Park, Concorde Way, Mansfield, Nottinghamshire NG19 7JZ

Tel +44 (0)1623 429701 **Fax** +44 (0)1623 620977 **Email** enquiries@solusscientific.com

Web www.solusscientific.com

Registered Address: East Kilbride Laboratory, Torus Building, Rankine Avenue, East Kilbride, Glasgow, Lanarkshire G75 0QF Company Reg. No. SC361616, Registered in Scotland VAT No 982 2304 24

Net Optical Densities of samples grown in SOLO+ at 30.0°C for 24 hours and boiled at 85-100°C for 20 minutes.

	1	2	3
A	Negative control 0.027	D5 <i>L. ivanovii</i> >2.500	E9 <i>Bacillus cereus</i> 0.047
B	Positive control >2.500	D9 <i>L. monocytogenes</i> >2.500	A8 <i>E. coli</i> 0.023
C	Substrate blank 0.060	D8 <i>L. monocytogenes</i> >2.500	C1 <i>Staphylococcus aureus</i> 0.025
D	C10 <i>L. monocytogenes</i> >2.500	D7 <i>L. monocytogenes</i> >2.500	E2 <i>E. coli</i> (WT) 0.020
E	G10 <i>L. innocua</i> >2.500	AH10 <i>L. ivanovii londoniensis</i> >2.500	N1 <i>Bacillus licheniformis</i> 0.018
F	D2 <i>L. grayii</i> (BHIB) >2.500	M6 <i>Bacillus spp</i> (WT) 0.022	E6 <i>Enterococcus faecalis</i> 0.025
G	D1 <i>L. monocytogenes</i> >2.500	F1 <i>Streptococcus bovis</i> 0.039	Absorbances read at 450nm
H	D6 <i>L. welshimeri</i> >2.500	F10 <i>Enterococcus faecalis</i> (WT) 0.033	

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

Signed: Operations director/Technical director/CEO



Date: 9/10/19.

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