

Certificate of Analysis

Product Code:	LIS1-0480
Product:	Solus ONE <i>Listeria</i> (5 plate)
LOT/Batch:	NDL015
Date of Manufacture/Test:	04.05.2020
Expiry Date:	03.05.2021

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

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

Performance of In house Reference Standards

Sample	Net Signal OD	OD Specification
<i>L. monocytogenes</i> 4a LMG16783 5x10 ⁴	1.505	>0.500
<i>L. monocytogenes</i> 4a LMG16783 1x10 ⁵	>2.500	>1.500
<i>L. monocytogenes</i> 4a LMG16783 1x10 ⁶	>2.500	>2.000
<i>L. innocua</i> wild type 5x10 ⁴	0.891	>0.500
<i>L. innocua</i> wild type 1x10 ⁵	>2.500	>1.500
<i>L. innocua</i> wild type 1x10 ⁶	>2.500	>2.000
<i>L. welshimeri</i> LMG11389 5x10 ⁴	0.595	>0.500
<i>L. welshimeri</i> LMG11389 1x10 ⁵	>2.500	>1.400
<i>L. welshimeri</i> LMG11389 1x10 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 0.005	<i>D5 L. ivanovii</i> >2.500	<i>E9 Bacillus cereus</i> 0.024
B	Positive control >2.500	<i>D9 L. monocytogenes</i> >2.500	<i>A8 E. coli</i> 0.025
C	Substrate blank 0.045	<i>D8 L. monocytogenes</i> >2.500	<i>C1 Staphylococcus aureus</i> 0.030
D	<i>C10 L. monocytogenes</i> >2.500	<i>D7 L. monocytogenes</i> >2.500	<i>E2 E. coli (WT)</i> 0.021
E	<i>G10 L. innocua</i> >2.500	<i>AH10 L. ivanovii londoniensis</i> >2.500	<i>N1 Bacillus licheniformis</i> 0.023
F	<i>D2 L. grayii (BHIB)</i> >2.500	<i>M6 Bacillus spp (WT)</i> 0.022	<i>E6 Enterococcus faecalis</i> 0.024
G	<i>D1 L. monocytogenes</i> >2.500	<i>F1 Streptococcus bovis</i> 0.028	Absorbances read at 450nm
H	<i>D6 L. welshimeri</i> >2.500	<i>F10 Enterococcus faecalis (WT)</i> 0.023	

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

Signed: Operations director/Technical director/CEO

D. Hymn

Date:

21/5/20

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