

## Certificate of Analysis

**Product Code:** SAL1-0480  
**Product:** Solus ONE *Salmonella* (5 plate)  
**LOT/Batch:** NDS013  
**Date of Manufacture/Test:** 05.08.2019  
**Expiry Date:** 04.08.2020

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

Batch homogeneity CV%: <10%  
 A panel of 8 non- *Salmonella* spp.: Satisfactory  
 A panel of 23 *Salmonella* spp.: Satisfactory

### Performance of In house Reference Standards

Sample	Net Signal OD	OD Specification
<i>B6 Salmonella</i> Enteritidis 10 <sup>5</sup> per ml	1.236	> 1.000
<i>B6 Salmonella</i> Enteritidis 10 <sup>6</sup> per ml	>2.500	>2.000
<i>B7 Salmonella</i> Typhimurium 10 <sup>5</sup> per ml	0.652	>0.600
<i>B7 Salmonella</i> Typhimurium 10 <sup>6</sup> per ml	>2.500	>2.000

**Net Optical Densities of samples grown in Solus ONE™ *Salmonella* enrichment buffer at 41.5°C for 20 hours and boiled at 85-100°C for 20 minutes**

	1	2	3	4	5
A	Negative control 0.033	<i>Klebsiella pneumoniae</i> 0.029	<i>Salmonella arizonae</i> NCTC 7301 – 1.258	<i>Salmonella</i> Mississippi >2.500	<i>Salmonella</i> Minnesota >2.500
B	Positive control >2.500	<i>Shigella sonnei</i> 0.040	<i>Salmonella</i> Brazil >2.500	<i>Salmonella</i> Typhimurium (Non-motile) - >2.500	<i>Salmonella</i> Dahlem >2.500
C	Substrate blank 0.052	<i>Serratia liquifaciens</i> 0.038	<i>Salmonella</i> Kirkee >2.500	<i>Salmonella</i> Nima >2.500	Absorbances read at 450nm
D	<i>Staphylococcus aureus</i> 0.027	<i>Salmonella</i> Heves >2.500	<i>Salmonella</i> Abaetetuba >2.500	<i>Salmonella</i> Aschersleben >2.500	
E	<i>Citrobacter freundii</i> 0.043	<i>Salmonella</i> Poona >2.500	<i>Salmonella</i> Gallinarum >2.500	<i>Salmonella</i> Champaign >2.500	
F	<i>Serratia marcescens</i> 0.008	<i>Salmonella</i> Newport >2.500	<i>Salmonella</i> Kedougou >2.500	<i>Salmonella</i> Dugbe >2.500	
G	<i>E. coli</i> 0.044	<i>Salmonella</i> Anatum >2.500	<i>Salmonella</i> Tranaroa >2.500	<i>Salmonella</i> Duval >2.500	
H	<i>Proteus mirabilis</i> 0.035	<i>Salmonella</i> Adelaide 1.282	<i>Salmonella</i> Virchow >2.500	<i>Salmonella</i> Inverness >2.500	

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

Signed: Operations director/Technical director/CEO



Date: 14/8/19

**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