

Certificate of Analysis

Product Code: SAL1-0096
Product: Solus ONE *Salmonella* (1 plate)
LOT/Batch: NDS012
Date of Manufacture/Test: 21.01.2019
Expiry Date: 20.01.2020

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 ⁵ per ml	1.016	>1.000
<i>B6 Salmonella</i> Enteritidis 10 ⁶ per ml	>2.500	>2.000
<i>B7 Salmonella</i> Typhimurium 10 ⁵ per ml	0.610	>0.600
<i>B7 Salmonella</i> Typhimurium 10 ⁶ 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 0.049	<i>Klebsiella pneumonia</i> 0.047	<i>Salmonella arizonae</i> NCTC 7301 – 0.889	<i>Salmonella</i> Mississippi >2.500	<i>Salmonella</i> Minnesota >2.500
B	Positive control >2.500	<i>Shigella sonnei</i> 0.044	<i>Salmonella</i> Brazil >2.500	<i>Salmonella</i> Typhimurium (Non-motile) - >2.500	<i>Salmonella</i> Dahlem >2.500
C	Substrate blank 0.060	<i>Serratia liquifaciens</i> 0.043	<i>Salmonella</i> Kirkee >2.500	<i>Salmonella</i> Nima >2.500	Absorbances read at 450nm
D	<i>Staphylococcus aureus</i> 0.031	<i>Salmonella</i> Heves >2.500	<i>Salmonella</i> Abaetetuba >2.500	<i>Salmonella</i> Aschersleben >2.500	
E	<i>Citrobacter freundii</i> 0.031	<i>Salmonella</i> Poona >2.500	<i>Salmonella</i> Gallinarum >2.500	<i>Salmonella</i> Champaign >2.500	
F	<i>Serratia marcescens</i> 0.045	<i>Salmonella</i> Newport >2.500	<i>Salmonella</i> Kedougou >2.500	<i>Salmonella</i> Dugbe >2.500	
G	<i>E. coli</i> 0.043	<i>Salmonella</i> Anatum >2.500	<i>Salmonella</i> Tranaroa >2.500	<i>Salmonella</i> Duval >2.500	
H	<i>Proteus mirabilis</i> 0.042	<i>Salmonella</i> Adelaide 1.091	<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: 22/5/19.

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