



## CERTIFICATE OF COMPLIANCE

### LLOYD'S REGISTER NEDERLAND B.V.

hereby declares that the certification assessment has demonstrated that

foodproof® *Salmonella* Detection Kits (Cat. No. R 310 27 or R 302 27), combined with Reagent D (Cat. No. A500 02 and foodproof® StarPrep One Kit (Cat. No. S 400 07) or foodproof® Magnetic Preparation Kit IV (Cat. No. S 400 15) for DNA extraction

Manufactured and supplied by:  
BIOTECON Diagnostics GmbH  
Hermannswerder 17  
14473 Potsdam  
Germany

have been validated and revealed to be at least equivalent to the reference method as demonstrated by the validation study report. The summary of the validation report is available on the MicroVal website:

[www.microval.org](http://www.microval.org)

Reference method: ISO 6579-1:2017; Microbiology of the food chain – Horizontal method for the detection, enumeration and serotyping of *Salmonella* – Part 1: Detection of *Salmonella* spp.

Scope: Infant formula and infant cereals, Probiotics containing products, Ingredients, and Environmental samples

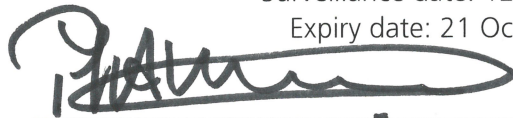
The validation and certification has been performed in accordance with EN ISO 16140-2:2016 and the MicroVal Rules and Certification Scheme version 8.

Certificate no.: 2011LR39

First approval date: 22 October 2012

Surveillance date: 12 June 2020

Expiry date: 21 October 2024



ISSUED BY: Lloyd's Register Nederland B.V.  
Rotterdam, The Netherlands

The overview on the claims for the current LR39 certificate is given in the Table below:

Detection of *Salmonella*

Enrichment	Standard protocol: 100 g sample material* plus 900 ml BPW pre-warmed at 37 °C, 16 - 20 h at 37 °C ± 1 °C										
Subcultivation	Standard protocol P1: 100 µl of BPW culture in 900 µl BPW, 3 - 4 h at 37 °C ±1 °C (shaking at 900 U/min)										
	Specific protocol P2: 100 µl of BPW culture in 900 µl BPW, 20 - 24 h at 37 °C ± 1 °C (shaking at 900 U/min)										
Reagent D treatment	A 500 02										
DNA extraction	Manual protocol <b>foodproof</b> StarPrep One Kit					Automated protocol <b>foodproof</b> MagPrep IV Kit					
	S 400 07					S 400 15					
Real-time PCR, pre-screening on EB	foodproof EBC detection kit, Hybridization probes		foodproof EBC detection kit, 5'Nuclease			foodproof EBC detection kit, Hybridization probes		foodproof EBC detection kit, 5'Nuclease			
	R 310 15.1		R 302 15.1			R 310 15.1		R 302 15.1			
Real-time PCR, <i>Salmonella</i> detection	foodproof S detection kit, Hybridization probes		foodproof S detection kit, 5'Nuclease			foodproof S detection kit, Hybridization probes		foodproof S detection kit, 5'Nuclease			
	R 310 27		R 302 27			R 310 27		R 302 27			
Thermocyclers	LC 480 II	LC 2.0	LC 480 II	IQ5	Mx 3005	LC 480 II	LC 2.0	LC 480 II	IQ5	Mx 3005	
Software version	1.5.1	4.1	1.5.1	2.0	MX4.1d	1.5.1	4.1	1.5.1	2.0	MX4.1d	
Scope (including subcultivation Protocol)	Infant formula and infant cereals (P1)	X	X	X	X	X	X	X	X	X	
	Probiotics containing products (P1)	X	X	X	X	X					
	Probiotics containing products (P2)	X	X	X	X	X	X	X	X	X	
	Ingredients (P1)	X	X	X	X	X					
	Environmental samples (P1)	X	X	X	X	X					

\*specific sample preparations: see EBC detection kit inserts