Supplementary Table

Supplementary Table S1 Technical aspects of SmaXtec Premium Boluses

Technical Aspects	
Dimension	132 × 35 mm (length×diameter)
Measurement interval	10 min
Measurement range (pH)	pH 3 – 9
Measurement range (temperature)	0 °C – 80 °C
Measurement accuracy (pH)	Up to day 90 pH ± 0.2; up to day 150 pH ± 0.4
Measurement accuracy (temperature at 39°C)	± 0.05°C
Measurement resolution (pH)	pH 0.01
Measurement resolution (temperature)	0.01 °C
Activity index	0 to 100
Measurement duration pH measurement	150 days (5 month)
Battery life (temperature and activity measurement)	Up to 4 years