

Table analyses microbiological food safety

Matrix	Parameter	Method	AC	Contact
Foodstuff	Enumeration of aerobic bacteria at 30°C Enumeration of anaerobic bacteria at 37°C Enumeration of aerobic spore forming at 30°C Enumeration of anaerobic spore forming at 37°C	ISO 4833 SPVG M005 SP-VG M008 SP-VG M007	Yes	Koen De Reu
Foodstuff	Enumeration of coliforms at 30 of 37°C Enumeration of thermo tolerant coliforms	ISO 4832 Derived from ISO 4832	Yes	Koen De Reu
Foodstuff	Enumeration of β -glucuronidase positive <i>Escherichia coli</i> at 44°C	Rapid' <i>E. coli</i> 2 - AFNOR BRD-07/1-07/93	Yes	Koen De Reu
Foodstuff	Enumeration of <i>Enterobacteriaceae</i> at 30 of 37°C	ISO 21528-2	Yes	Koen De Reu
Foodstuff	Enumeration of moulds and yeasts at 25°C	ISO 7954	Yes	Koen De Reu
Foodstuff	Enumeration of sulphite-reducing anaerobes at 37°C (clostridia) Enumeration of <i>Clostridium perfringens</i> at 37°C	AFNORXP V 08-061 ISO 7937	Yes	Koen De Reu
Foodstuff	Enumeration of <i>Staphylococcus aureus</i>	ISO 6888-2	Yes	Koen De Reu
Foodstuff	Detection of <i>Salmonella</i>	ISO 6579 and VIDAS SLM AFNOR BIO 12/1 –04/94	Yes	Koen De Reu
Foodstuff	Detection of <i>Listeria</i> spp. Detection of <i>Listeria</i> spp. Detection of <i>Listeria monocytogenes</i> Detection of <i>Listeria monocytogenes</i> Enumeration of <i>Listeria monocytogenes</i>	ISO 11290-1/Amd 1 VIDAS LIS AFNOR BIO-12/2-06/94 ISO 11290-1/Amd 1 VIDAS LMO2 AFNOR BIO-12/11-03/04 ISO 11290-2/Amd 1	Yes	Koen De Reu
Foodstuff	Enumeration of presumptive <i>Bacillus cereus</i> at 30°C	ISO 7932	Yes	Koen De Reu
Foodstuff	Detection thermo tolerant <i>Campylobacter</i>	ISO 10272-1	Yes	Koen De Reu
Milk and milk products	Enumeration of characteristic micro-organisms in yoghurt (<i>Lactobacillus bulgaricus</i> and <i>Streptococcus thermophilus</i>)	ISO 7889	Yes	Koen De Reu
Milk and milk products	Detection of enterotoxins produced by <i>Staphylococcus aureus</i>		Yes	Koen De Reu
Foodstuff	Detection of <i>E. coli</i> O157	ISO 16654	Yes	Koen De Reu

Matrix	Parameter	Method	AC	Contact
All matrices	<i>Bifidobacterium</i>	Own method	No	Koen De Reu
All matrices	Butyric acid bacteria	ILVO-T&V-NG1	No	Koen De Reu
All matrices	Contaminants	ILVO-T&B-NG5	No	Koen De Reu
All matrices	<i>Enterococcus</i> spp.	Own method	No	Koen De Reu
All matrices	Lactic acid bacteria	Own method	No	Koen De Reu
All matrices	<i>Lactobacillus</i> spp.	Own method	No	Koen De Reu
All matrices	<i>Streptococcus</i> spp.	Own method	No	Koen De Reu
All matrices	Enumeration of Gram-negative bacteria	ILVO-T&V-NG4	No	Koen De Reu
All matrices	Osmotolerant yeasts	ILVO-T&V-NG3	No	Koen De Reu
All matrices	Propionic bacteria	ILVO-T&V-NG2	No	Koen De Reu
All matrices	<i>Bacillus sporothermodurans</i> spores	Scheldeman, J. Appl. Microbiol., 2002, 92, 983-991	No	Marc Heyndrickx/ Koen De Reu
All matrices	<i>Clostridium tyrobutyricum</i>	Herman, Appl. Environ. Microbiol., 1995, 61, 4141-4146	No	Koen De Reu
All matrices	Phenotypic identification of bacterial strains	Biotyping	No	Koen De Reu
All matrices	Molecular identification of bacterial strains	16S rDNA sequencing (partial)	No	Marc Heyndrickx/ Koen De Reu
All matrices	Molecular serotyping of <i>Salmonella</i>	Rasschaert, J. Clin. Microbiol., 2005, 43, 3615-3623	No	Marc Heyndrickx
All matrices	Molecular high-resolution typing of bacterial strains	Based on PFGE (2 restriction-enzymes); RAPD (4 primers), rep-PCR, plasmid analysis and/or AFLP	No	Marc Heyndrickx