

# Immunological, molecular biological & microbiological

## product catalogue 2025

Your laboratory  
quality for:

- immunological,  
molecular biological &  
microbiological  
testing



Image source:  
science photo/Shutterstock.com

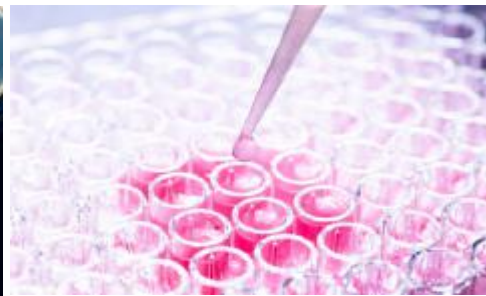


Image source:  
murat photographer/Shutterstock.com

Art. no.	Proficiency testing type <sup>[A]</sup>	Parameters [*]	risk group	Period	To view pricing information:
<b>Milk and cream - NEW!</b>					<a href="#">Login or register</a>
2011314	<b>Detection B.cereus milk</b>	<input type="checkbox"/> B.cereus qualitative (all qualitative)	<b>risk group 2</b>	May-25	
<b>Milk and cream</b>					
2010013	<b>E.coli milk 1</b>	<input type="checkbox"/> E.coli [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 1</b>	May-25	
2010463	<b>E.coli milk 2</b>	<input type="checkbox"/> E.coli [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 1</b>	Nov-25	
2010033	<b>Enterobacteriaceae milk 1</b>	<input type="checkbox"/> Enterobacteriaceae [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 1</b>	May-25	
2010465	<b>Enterobacteriaceae milk 2</b>	<input type="checkbox"/> Enterobacteriaceae [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 1</b>	Nov-25	
2010089	<b>Detection Campylobacter spp. milk</b>	<input type="checkbox"/> Campylobacter spp. (all qualitative)	<b>risk group 2</b>	May-25	
2010467	<b>Aerobic spores milk</b>	<input type="checkbox"/> aerobic spores [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 1</b>	May-25	
2010546	<b>Psychrotrophic bacteria milk</b>	<input type="checkbox"/> psychrotrophic total count (7°C) [cfu/g], psychrotrophic total count (21°C) [cfu/g] (all quantitative)	<b>risk group 1</b>	Nov-25	
2010604	<b>EHEC O157 milk</b>	<input type="checkbox"/> EHEC O157 (all qualitative)	<b>risk group 3 **</b>	Jul-25	
2010608	<b>EHEC Screening milk</b>	<input type="checkbox"/> EHEC Screening (all qualitative)	<b>risk group 3 **</b>	Jul-25	
2010612	<b>Total count in milk 1</b>	<input type="checkbox"/> aerobic total count [cfu/g] (all quantitative)	<b>risk group 1</b>	May-25	
2010924	<b>Yeasts in milk</b>	<input type="checkbox"/> yeasts [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 1</b>	Aug-25	
2010944	<b>Novovirus milk</b>	<input type="checkbox"/> Norovirus (all qualitative)	<b>risk group 2</b>	Aug-25	
2010045	<b>Milk (residues)</b>	<input type="checkbox"/> Chloramphenicol (CAS 56-75-7) [µg/kg], PCB 101 (CAS 37680-73-2) [(mg/kg) fat], trichlormethane (CAS 67-66-3) [mg/kg], aflatoxin M1 [µg/kg], Streptomycin (CAS 57-92-1) [µg/l], tetracycline (CAS 60-54-8) [µg/kg] (all quantitative)		Apr-25	
2010951	<b>Inhibitors in milk</b>	<input type="checkbox"/> Tetracycline (CAS 60-54-8) [µg/kg], Amoxicillin (CAS 26787-78-0) [µg/kg], Ceftriaxone (CAS 73384-59-5) [µg/kg], Ciprofloxacin (CAS 85721-33-1) [µg/kg] (all quantitative)		Dec-25	
<b>Milk products (other)</b>					
2010317	<b>Characteristic microorganisms yoghurt</b>	<input type="checkbox"/> Lactobacillus bulgaricus [cfu/g], Streptococcus thermophilus [cfu/g] (all quantitative)	<b>risk group 1</b>	May-25	
<b>Cheese</b>					
2010111	<b>E.coli cheese</b>	<input type="checkbox"/> E.coli [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 1</b>	Jul-25	
2010176	<b>Yeasts cheese</b>	<input type="checkbox"/> yeasts [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 1</b>	May-25	
2010178	<b>Moulds cheese</b>	<input type="checkbox"/> moulds [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 1</b>	May-25	
2010137	<b>Listeria cheese</b>	<input type="checkbox"/> L. monocytogenes qualitative (all qualitative)	<b>risk group 2</b>	Aug-25	
2010469	<b>Coagulase-positive Staphylococcus cheese</b>	<input type="checkbox"/> coagulase-positive Staphylococcus [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 2</b>	Jul-25	
2010471	<b>Enterobacteriaceae cheese</b>	<input type="checkbox"/> Enterobacteriaceae [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 1</b>	Jul-25	
2010156	<b>B.cereus processed cheese</b>	<input type="checkbox"/> B.cereus [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 2</b>	May-25	
<b>Ice-cream</b>					
2010548	<b>Enterobacteriaceae ice-cream</b>	<input type="checkbox"/> Enterobacteriaceae [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 1</b>	Jul-25	
2010550	<b>Salmonella spp. ice-cream</b>	<input type="checkbox"/> Salmonella spp. (all qualitative)	<b>risk group 2</b>	Jul-25	
2010552	<b>E.coli ice-cream</b>	<input type="checkbox"/> E.coli [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 1</b>	Jul-25	
2010554	<b>L.monocytogenes ice-cream</b>	<input type="checkbox"/> L. monocytogenes qualitative (all qualitative)	<b>risk group 2</b>	Jul-25	

[A] = For accredited and non-accredited status please see our [Catalogue/ Shop \(ODIN\)](#)

[\*] = Specified parameters correspond to the status of the catalogue publication. The binding parameters for the respective proficiency testing can be viewed in our [online portal \(ODIN\)](#).

Art. no.	Proficiency testing type <sup>[A]</sup>	Parameters [*]	risk group	Period	To view pricing information:
<b>Milk powder</b>					<a href="#">Login or register</a>
2010160	<b>Coliform bacteria milk powder</b>	<input type="checkbox"/> Coliforms [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 1</b>	May-25	
2010063	<b>Yeasts milk powder 1</b>	<input type="checkbox"/> yeasts [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 1</b>	Jan-25	
2010473	<b>Yeasts milk powder 2</b>	<input type="checkbox"/> yeasts [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 1</b>	Sep-25	
2010065	<b>Moulds milk powder 1</b>	<input type="checkbox"/> moulds [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 1</b>	Feb-25	
2010475	<b>Moulds milk powder 2</b>	<input type="checkbox"/> moulds [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 1</b>	Nov-25	
2010477	<b>Enterobacteriaceae milk powder</b>	<input type="checkbox"/> Enterobacteriaceae [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 1</b>	Jan-25	
2010479	<b>E.coli milk powder</b>	<input type="checkbox"/> E.coli [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 1</b>	Jan-25	
2010481	<b>Lactobacillus milk powder</b>	<input type="checkbox"/> lactobacilli (microaerophilic) [cfu/g], aerobic total count [cfu/g], lactobacilli (aerobic) [cfu/g] (all quantitative)	<b>risk group 1</b>	Nov-25	
2010483	<b>Shigella spp. milk powder</b>	<input type="checkbox"/> Shigella spp. (all qualitative)	<b>risk group 2</b>	May-25	
2010095	<b>Enterococcus milk powder</b>	<input type="checkbox"/> Enterococcus [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 1</b>	Mar-25	
2010057	<b>Clostridia milk powder</b>	<input type="checkbox"/> sulfite-reducing Clostridia (vegetative) [cfu/g], anaerobic total count [cfu/g], anaerobic, mesophilic, sulfite-reducing spores [cfu/g], C.perfringens [cfu/g] (all quantitative)	<b>risk group 2</b>	Jun-25	
2010109	<b>B.cereus milk powder</b>	<input type="checkbox"/> B.cereus [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 2</b>	May-25	
2010081	<b>Cronobacter spp. milk powder</b>	<input type="checkbox"/> Cronobacter spp. (all qualitative)	<b>risk group 2</b>	Mar-25	
2010148	<b>Salmonella spp. milk powder 1</b>	<input type="checkbox"/> Salmonella spp. (all qualitative)	<b>risk group 2</b>	Mar-25	
2010485	<b>Salmonella spp. milk powder 2</b>	<input type="checkbox"/> Salmonella spp. (all qualitative)	<b>risk group 2</b>	Nov-25	
2010083	<b>Coagulase-positive Staphylococcus milk powder</b>	<input type="checkbox"/> coagulase-positive Staphylococcus [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 2</b>	Mar-25	
2010059	<b>Listeria milk powder 1</b>	<input type="checkbox"/> L. monocytogenes [cfu/g] (quant.), aerobic total count [cfu/g] (quant.), L. monocytogenes qualitative (qual.)	<b>risk group 2</b>	Jan-25	
2010153	<b>Listeria milk powder 2</b>	<input type="checkbox"/> L. monocytogenes [cfu/g] (quant.), aerobic total count [cfu/g] (quant.), L. monocytogenes qualitative (qual.)	<b>risk group 2</b>	Aug-25	
2010534	<b>Thermophilic bacteria (55 °C) milk powder</b>	<input type="checkbox"/> thermophilic aerobic total count (55°C, vegetative) [cfu/g], thermoresistant spores of aerobic, thermophilic bacteria [cfu/g] (all quantitative)	<b>risk group 1</b>	Sep-25	
2010930	<b>Coagulase-positive Staphylococcus milk powder qualitative</b>	<input type="checkbox"/> coagulase-positive Staphylococcus qualitative (all qualitative)	<b>risk group 2</b>	Mar-25	
2010934	<b>Anaerobic, mesophilic spores milk powder</b>	<input type="checkbox"/> anaerobic mesophile spores [cfu/g], anaerobic total count [cfu/g] (all quantitative)	<b>risk group 2</b>	Sep-25	
2010938	<b>Pseudomonas spp. milk powder qualitative</b>	<input type="checkbox"/> Pseudomonas spp. qualitative (all qualitative)	<b>risk group 2</b>	Jun-25	
2010940	<b>Clostridia milk powder qualitative</b>	<input type="checkbox"/> Clostridia spp. (all qualitative)	<b>risk group 2</b>	Jun-25	
2011162	<b>Aflatoxin M1 in milk powder</b>	<input type="checkbox"/> aflatoxin M1 [µg/kg] (all quantitative)		Oct-25	

[A] = For accredited and non-accredited status please see our [Catalogue/ Shop \(ODIN\)](#)

[\*] = Specified parameters correspond to the status of the catalogue publication. The binding parameters for the respective proficiency testing can be viewed in our [online portal \(ODIN\)](#).

Art. no.	Proficiency testing type <sup>[A]</sup>	Parameters [*]	risk group	Period	To view pricing information:
<b>Meat products - NEW!</b>					<a href="#">Login or register</a>
2011313	<b>Enumeration Campylobacter spp. poultry</b>	<input type="checkbox"/> Campylobacter spp. quantitative [CFU/g] (all quantitative)	<b>risk group 2</b>	May-25	
<b>Meat products</b>					
2010035	<b>E.coli ground meat 1</b>	<input type="checkbox"/> E.coli [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 1</b>	Feb-25	
2010499	<b>E.coli ground meat 2</b>	<input type="checkbox"/> E.coli [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 1</b>	Nov-25	
2010039	<b>Enterobacteriaceae ground meat 1</b>	<input type="checkbox"/> Enterobacteriaceae [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 1</b>	Feb-25	
2010501	<b>Enterobacteriaceae ground meat 2</b>	<input type="checkbox"/> Enterobacteriaceae [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 1</b>	Nov-25	
2010142	<b>Coagulase-positive Staphylococcus ground meat</b>	<input type="checkbox"/> coagulase-positive Staphylococcus [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 2</b>	Mar-25	
2010140	<b>Salmonella spp. ground meat 1</b>	<input type="checkbox"/> Salmonella spp. (all qualitative)	<b>risk group 2</b>	Mar-25	
2010503	<b>Salmonella spp. ground meat 2</b>	<input type="checkbox"/> Salmonella spp. (all qualitative)	<b>risk group 2</b>	Nov-25	
2010174	<b>Pseudomonas spp. ground meat</b>	<input type="checkbox"/> Pseudomonas spp. [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 2</b>	Jun-25	
2010151	<b>Listeria ground meat 1 qualitative</b>	<input type="checkbox"/> L. monocytogenes qualitative (all qualitative)	<b>risk group 2</b>	Mar-25	
2010505	<b>Listeria ground meat 2 qualitative</b>	<input type="checkbox"/> L. monocytogenes qualitative (all qualitative)	<b>risk group 2</b>	Aug-25	
2010507	<b>Listeria ground meat quantitative</b>	<input type="checkbox"/> L. monocytogenes [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 2</b>	Aug-25	
2010212	<b>Lactobacillus ground meat</b>	<input type="checkbox"/> lactobacilli (aerobic) [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 1</b>	Mar-25	
2010146	<b>Detection Campylobacter spp. poultry</b>	<input type="checkbox"/> Campylobacter spp. (all qualitative)	<b>risk group 2</b>	May-25	
2010936	<b>Coliforme bacteria ground meat</b>	<input type="checkbox"/> Coliforms [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 1</b>	Aug-25	
2010942	<b>Clostridia ground meat</b>	<input type="checkbox"/> sulfite-reducing Clostridia (vegetative) [cfu/g], anaerobic total count [cfu/g], anaerobic, mesophilic, sulfite-reducing spores [cfu/g], C.perfringens [cfu/g] (all quantitative)	<b>risk group 2</b>	Jun-25	
2010945	<b>Allergens in meat products</b>	<input type="checkbox"/> egg, peanut, nuts, celery, mustard (all quantitative)		Jul-25	
2010263	<b>Beef, pork, horse</b>	<input type="checkbox"/> Identification of species (qual.), Relative amount beef [%] (quant.), Relative amount pork [%] (quant.), Relative amount horse [%] (quant.)		Dec-25	
<b>Simulated microbiological evaluation</b>					
2011198	<b>Simulated evaluation aerobic total count</b>	<input type="checkbox"/> Simulated colony enumeration, Calculation of microbial count (all quantitative)		Jul-25	
2011199	<b>Simulated evaluation aerobic spore-forming bacteria</b>	<input type="checkbox"/> Simulated colony enumeration, Calculation of microbial count (all quantitative)		Jul-25	
2011200	<b>Simulated evaluation yeasts</b>	<input type="checkbox"/> Simulated colony enumeration, Calculation of microbial count (all quantitative)		Jul-25	
2011201	<b>Simulated evaluation mould</b>	<input type="checkbox"/> Simulated colony enumeration, Calculation of microbial count (all quantitative)		Jul-25	
2011202	<b>Simulated evaluation lactic acid bacteria</b>	<input type="checkbox"/> Simulated colony enumeration, Calculation of microbial count (all quantitative)		Jul-25	
2011203	<b>Simulated evaluation Sulfite-reducing clostridia</b>	<input type="checkbox"/> Simulated colony enumeration, Calculation of microbial count (all quantitative)		Jul-25	
2011204	<b>Simulated evaluation E.coli and Coliforms</b>	<input type="checkbox"/> Simulated colony enumeration E.coli, Calculation of microbial count E.coli, Simulated colony enumeration Coliforms, Calculation of microbial count Coliforms (all quantitative)		Jul-25	

[A] = For accredited and non-accredited status please see our [Catalogue/ Shop \(ODIN\)](#)

[\*] = Specified parameters correspond to the status of the catalogue publication. The binding parameters for the respective proficiency testing can be viewed in our [online portal \(ODIN\)](#).

Art. no.	Proficiency testing type <sup>[A]</sup>	Parameters [*]	risk group	Period	To view pricing information:
<b>Egg products</b>					<a href="#">Login or register</a>
2010495	<b>Enterobacteriaceae in egg products</b>	<input type="checkbox"/> Enterobacteriaceae [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 1</b>	Dec-25	
2010530	<b>Salmonella spp. egg products</b>	<input type="checkbox"/> Salmonella spp. (all qualitative)	<b>risk group 2</b>	Dec-25	
2010532	<b>E.coli egg products</b>	<input type="checkbox"/> E.coli [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 1</b>	Dec-25	
2010706	<b>Antibiotics in liquid egg</b>	<input type="checkbox"/> Chloramphenicol (CAS 56-75-7) [µg/kg], Tetracycline (CAS 60-54-8) [µg/kg], Sulfadimidine (CAS 57-68-1) [µg/kg], Nitrofurantoin (CAS 67-20-9) [µg/kg] (all quantitative)		May-25	
<b>Fish &amp; seafood</b>					
2010509	<b>Yersinia enterocolitica seafood</b>	<input type="checkbox"/> Yersinia enterocolitica (all qualitative)	<b>risk group 2</b>	May-25	
2010511	<b>Pathogenic Vibrio spp. seafood</b>	<input type="checkbox"/> Vibrio parahaemolyticus (all qualitative)	<b>risk group 2</b>	May-25	
2010540	<b>Salmonella spp. Seafood</b>	<input type="checkbox"/> Salmonella spp. (all qualitative)	<b>risk group 2</b>	May-25	
<b>Infant formula</b>					
2010521	<b>Infant food variation 1</b>	<input type="checkbox"/> sulfite-reducing Clostridia (vegetative) [cfu/g] (quant.), TVC 30°C [cfu/g] (quant.), yeasts [cfu/g] (quant.), moulds [cfu/g] (quant.), qualitative testing (qual.)	<b>risk group 2</b>	Aug-25	
2010182	<b>Bifidobacteria infant food</b>	<input type="checkbox"/> Bifidobacteria [cfu/g] (all quantitative)	<b>risk group 1</b>	Jul-25	
2010273	<b>Enterobacteriaceae infant formula (powder) qualitative</b>	<input type="checkbox"/> Enterobacteriaceae (all qualitative)	<b>risk group 1</b>	Aug-25	
2010261	<b>Milk powder IMF allergens</b>	<input type="checkbox"/> gliadin [mg/kg], lactose (monohydrate) [mg/100g], β-lacto-globulin [mg/kg], soy protein [mg/kg], casein [mg/kg] (all quantitative)		Oct-25	
<b>Food matrices (other)</b>					
2010513	<b>Listeria convenience products</b>	<input type="checkbox"/> L. monocytogenes qualitative (all qualitative)	<b>risk group 2</b>	Aug-25	
2010515	<b>Salmonella spp. spice powder</b>	<input type="checkbox"/> Salmonella spp. (all qualitative)	<b>risk group 2</b>	Dec-25	
2010542	<b>Salmonella spp. Herbs</b>	<input type="checkbox"/> Salmonella spp. (all qualitative)	<b>risk group 2</b>	Dec-25	
2010313	<b>Porcine DNA in Candy</b>	<input type="checkbox"/> Identification of the animal species pork (all qualitative)		Dec-25	
2010588	<b>Porcine and beef DNA in gelatine</b>	<input type="checkbox"/> Identification of the animal species pork, Identification of the animal species beef (all qualitative)		Dec-25	
2011090	<b>Aflatoxins in nuts</b>	<input type="checkbox"/> aflatoxin B1 [µg/kg], aflatoxin B2 [µg/kg], aflatoxin G1 [µg/kg], aflatoxin G2 [µg/kg], total aflatoxin content [µg/kg] (all quantitative)		Oct-25	
2011091	<b>Aflatoxins in spices</b>	<input type="checkbox"/> aflatoxin B1 [µg/kg], aflatoxin B2 [µg/kg], aflatoxin G1 [µg/kg], aflatoxin G2 [µg/kg], total aflatoxin content [µg/kg] (all quantitative)		Dec-25	
<b>Animal feed - NEW!</b>					
2011306	<b>Listeria spp. in animal feed</b>	<input type="checkbox"/> Listeria spp qualitative (all qualitative)	<b>risk group 2</b>	Dec-25	
<b>Animal feed</b>					
2010188	<b>Clostridia animal feed</b>	<input type="checkbox"/> sulfite-reducing Clostridia (vegetative) [cfu/g], lactobacilli (anaerobic) [cfu/g], anaerobic mesophilic sulfite-reducing spores [cfu/g], anaerobic mesophilic total spores (nonselective) [cfu/g] (all quantitative)	<b>risk group 2</b>	Aug-25	
2010519	<b>Salmonella spp. in feed stuff</b>	<input type="checkbox"/> Salmonella spp. (all qualitative)	<b>risk group 2</b>	Dec-25	
2011163	<b>Animal feed (GMO)</b>	<input type="checkbox"/> Quantitative detection of transgenic plants (construct or event-specific methods possible) [%] (quant.), Qualitative detection of various screening elements (qual.)		Nov-25	

[A] = For accredited and non-accredited status please see our [Catalogue/ Shop \(ODIN\)](#)

[\*] = Specified parameters correspond to the status of the catalogue publication. The binding parameters for the respective proficiency testing can be viewed in our [online portal \(ODIN\)](#).

Art. no.	Proficiency testing type <sup>[A]</sup>	Parameters [*]	risk group	Period	To view pricing information:
<b>Fruit &amp; vegetables products</b>					<a href="#">Login or register</a>
2010043	<b>Yeasts fruit preparation</b>	<input type="checkbox"/> yeasts [cfu/g] (quant.), yeasts qualitative (qual.)	<b>risk group 1</b>	Aug-25	
2010101	<b>Moulds fruit preparation</b>	<input type="checkbox"/> moulds [cfu/g] (quant.), moulds qualitative (qual.)	<b>risk group 1</b>	Aug-25	
2010487	<b>Listeria vegetables qualitative</b>	<input type="checkbox"/> L. monocytogenes qualitative (all qualitative)	<b>risk group 2</b>	Aug-25	
2010489	<b>Listeria vegetables quantitative</b>	<input type="checkbox"/> L. monocytogenes [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 2</b>	Aug-25	
2010536	<b>Osmophilic yeasts sugar solution</b>	<input type="checkbox"/> osmophilic yeasts [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 1</b>	Apr-25	
2010538	<b>Osmophilic moulds sugar solution</b>	<input type="checkbox"/> osmophilic moulds [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 1</b>	Apr-25	
2010563	<b>Yeasts dates</b>	<input type="checkbox"/> yeasts [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 1</b>	Apr-25	
2010565	<b>Moulds dates</b>	<input type="checkbox"/> moulds [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 1</b>	Apr-25	
<b>Nonalcoholic beverages</b>					
2010097	<b>E.coli fruit juice</b>	<input type="checkbox"/> E.coli [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 1</b>	Apr-25	
2010199	<b>Spoiling agents in fruit juice concentrate &amp; compounds 1</b>	<input type="checkbox"/> spoiling agents quantitative [cfu/g] (quant.), aerobic total count [cfu/g] (quant.), spoiling agents qualitative (qual.)	<b>risk group 1</b>	Apr-25	
2010491	<b>Spoiling agents in fruit juice concentrate &amp; compounds 2</b>	<input type="checkbox"/> spoiling agents quantitative [cfu/g] (quant.), aerobic total count [cfu/g] (quant.), spoiling agents qualitative (qual.)	<b>risk group 1</b>	Nov-25	
2010493	<b>Alicyclobacillus spp. fruit juice concentrate &amp; compounds</b>	<input type="checkbox"/> Alicyclobacillus spp. (all qualitative)	<b>risk group 1</b>	Oct-25	
2010592	<b>Yeasts fruit juice concentrate</b>	<input type="checkbox"/> yeasts [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 1</b>	Apr-25	
2010594	<b>Moulds fruit juice concentrate</b>	<input type="checkbox"/> moulds [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 1</b>	Apr-25	
2010596	<b>Lactic acid bacteria fruit juice</b>	<input type="checkbox"/> lactic acid bacteria (aerobic) [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 1</b>	Apr-25	
2010598	<b>Acetic acid bacteria fruit juice concentrate</b>	<input type="checkbox"/> acetic acid bacteria [cfu/g], aerobic total count [cfu/g] (all quantitative)	<b>risk group 1</b>	Apr-25	
<b>Alcoholic beverages</b>					
2010275	<b>Dekkera bruxellensis wine qualitative</b>	<input type="checkbox"/> Dekkera bruxellensis qualitative (all qualitative)	<b>risk group 1</b>	Aug-25	
2011142	<b>Dekkera bruxellensis beer qualitative</b>	<input type="checkbox"/> Dekkera bruxellensis qualitative (all qualitative)	<b>risk group 1</b>	Aug-25	

[A] = For accredited and non-accredited status please see our [Catalogue/ Shop \(ODIN\)](#)

[\*] = Specified parameters correspond to the status of the catalogue publication. The binding parameters for the respective proficiency testing can be viewed in our [online portal \(ODIN\)](#).

Art. no.	Proficiency testing type <sup>[A]</sup>	Parameters [*]	risk group	Period	To view pricing information:
<b>Mineral water and table water</b>					<a href="#">Login or register</a>
2010674	<b>Aerobic total count mineral water and table water</b>	<input type="checkbox"/> aerobic total count 37°C [KbE/ml], aerobic total count 20°C [KbE/ml] (all quantitative)		Apr-25	
2010676	<b>Streptococci (faecal) mineral water and table water</b>	<input type="checkbox"/> streptococci (faecal) qualitative (all qualitative)		Oct-25	
2010680	<b>Pseudomonas aeruginosa mineral water and table water</b>	<input type="checkbox"/> Ps.aeruginosa qualitative (all qualitative)		Oct-25	
2010952	<b>Sulfite-reducing, spore-forming anaerobes mineral water</b>	<input type="checkbox"/> sulfite-reducing, spore-forming anaerobes qualitative (all qualitative)		Aug-25	
2010134	<b>Coliforme bacteria mineral water and table water</b>	<input type="checkbox"/> Coliforme qualitative (all qualitative)		Oct-25	
2010138	<b>E.coli mineral water and table water</b>	<input type="checkbox"/> E.coli qualitative (all qualitative)		Oct-25	
<b>Cereals, cereal products</b>					
2011167	<b>Mycotoxins in corn</b>	<input type="checkbox"/> aflatoxin B1 [µg/kg], aflatoxin B2 [µg/kg], aflatoxin G1 [µg/kg], aflatoxin G2 [µg/kg], ochratoxin A [µg/kg], deoxynivalenol (DON) [µg/kg], fumonisin B1 [µg/kg], zearalenone [µg/kg] (all quantitative)		Nov-25	
2010141	<b>Corn (GMO)</b>	<input type="checkbox"/> detection of screening elements P-35S, T-NOS and pat (qual.), relative amount Bt-11 [%] (quant.), relative amount MON810 [%] (quant.)		Nov-25	
2010143	<b>Rice (GMO)</b>	<input type="checkbox"/> detection of screening elements P-35S, T-NOS and bar (qual.), relative amount LLRice52 [%] (quant.)		Nov-25	
2010429	<b>Gluten</b>	<input type="checkbox"/> gluten [mg/kg] (all quantitative)		Nov-25	
2011108	<b>Qualitative detection of insects in flour</b>	<input type="checkbox"/> identification of the animal species Tenebrio molitor (all qualitative)		Nov-25	
<b>Fats, oils and oilseeds</b>					
2010720	<b>Soy (GMO)</b>	<input type="checkbox"/> Detection of screening elements P-35S, T-NOS and P-FMV (qual.), relative amount GTS 40-3-2 [%] (quant.), relative amount MON 89788 [%] (quant.)		Nov-25	
2010145	<b>Canola (GMO)</b>	<input type="checkbox"/> Detection of screening elements T-NOS, CTP2-CP4EPSPS and P-FMV (qual.), relative amount 73496 [%] (quant.), relative amount GT73 [%] (quant.)		Dec-25	
<b>Honey and beeswax</b>					
2011002	<b>Antibiotics in honey</b>	<input type="checkbox"/> chloramphenicol (CAS 56-75-7) [µg/kg], streptomycin (CAS 57-92-1) [µg/kg], sulfadimidine (CAS 57-68-1) [µg/kg], tetracycline (CAS 60-54-8) [µg/kg] (all quantitative)		Jun-25	
2011010	<b>GMOs in honey</b>	<input type="checkbox"/> detection of screening elements P-35S, T-NOS and P-FMV (all qualitative)		Jul-25	
<b>Cocoa and chocolate</b>					
2010247	<b>Aflatoxins in chocolate</b>	<input type="checkbox"/> aflatoxin B1 [µg/kg], aflatoxin B2 [µg/kg], aflatoxin G1 [µg/kg], aflatoxin G2 [µg/kg], total aflatoxin content [µg/kg] (all quantitative)		Sep-25	
2010144	<b>Salmonella spp. chocolate</b>	<input type="checkbox"/> Salmonella spp. (all qualitative)		Mar-25	
<b>Vegan and vegetarian substitutes</b>					
2011165	<b>Identification of plant based food</b>	<input type="checkbox"/> identification soy, identification beans, identification lentils (all qualitative)		Oct-25	
2011164	<b>Vegan food identification (ISO 23662)</b>	<input type="checkbox"/> identification of vegan foods (all qualitative)		Oct-25	

[A] = For accredited and non-accredited status please see our [Catalogue/ Shop \(ODIN\)](#)

[\*] = Specified parameters correspond to the status of the catalogue publication. The binding parameters for the respective proficiency testing can be viewed in our [online portal \(ODIN\)](#).

Art. no.	Proficiency testing type <sup>[A]</sup>	Parameters [*]	risk group	Period	To view pricing information:
<b>Canning, glass</b>					<a href="#">Login or register</a>
2010172	Mesophilic sterility testing tinned food	<input type="checkbox"/> mesophilic germ load (all qualitative)	risk group 1	Sep-25	
2010928	Thermophilic sterility testing tinned food	<input type="checkbox"/> thermophilic germ load (55°C) (all qualitative)	risk group 1	Sep-25	
2010950	Anaerobic mesophilic sterility testing tinned food	<input type="checkbox"/> anaerobic mesophilic germ load (all qualitative)	risk group 2	Sep-25	
<b>Plastic surface - NEW!</b>					
2011299	Enterobacteriaceae plastic surface	<input type="checkbox"/> Enterobacteriaceae [cfu/100qcm] (all quantitative)	risk group 1	Sep-25	
2011300	Listeria spp. plastic surface	<input type="checkbox"/> Listeria spp. [cfu/100qcm] (all quantitative)	risk group 2	Sep-25	
<b>Plastic surface</b>					
2010119	Moulds plastic surface	<input type="checkbox"/> moulds [cfu/100qcm] (all quantitative)	risk group 1	Sep-25	
2010191	Aerobic total count plastic surface	<input type="checkbox"/> aerobic total count [cfu/100qcm] (all quantitative)	risk group 1	Sep-25	
<b>Paper and board - NEW!</b>					
2011304	Aerobic bacteria on paper, board (ISO 8784-2)	<input type="checkbox"/> aerobic total count (all quantitative)	risk group 1	Nov-25	
2011305	Moulds on paper, board (ISO 8784-2)	<input type="checkbox"/> moulds (all quantitative)	risk group 1	Nov-25	
<b>Paper and board</b>					
2010279	Paper - transition of antimicrobial components (EN 1104)	<input type="checkbox"/> antibacterial effect Bacillus subtilis [mm], antimycotic effect Aspergillus niger [mm] (all qualitative)		Nov-25	
<b>Cosmetic</b>					
2010085	Challenge test	<input type="checkbox"/> Ps.aeruginosa [CFU/g], S.aureus [CFU/g], E.coli [CFU/g], C.albicans [CFU/g], A.brasiliensis [CFU/g] (all quantitative)	risk group 2	Apr-25	
2010071	Aerobic Bacteria O W-emulsion	<input type="checkbox"/> aerobic total count [cfu/g] (all quantitative)	risk group 1	Oct-25	
2010079	Moulds O W-emulsion	<input type="checkbox"/> moulds [cfu/g] (all quantitative)	risk group 1	Oct-25	
2010077	Identification of germs O W-emulsion	<input type="checkbox"/> identification of germs (all qualitative)	risk group 2	Oct-25	
2010356	S.aureus O W-emulsion	<input type="checkbox"/> S.aureus (all qualitative)	risk group 2	Oct-25	
2010358	E.coli O W-emulsion	<input type="checkbox"/> E.coli (all qualitative)	risk group 2	Oct-25	
2010360	C.albicans O W-emulsion	<input type="checkbox"/> C.albicans (all qualitative)	risk group 2	Oct-25	
2010362	Ps.aeruginosa O W-emulsion	<input type="checkbox"/> Ps.aeruginosa (all qualitative)	risk group 2	Oct-25	
<b>Textiles</b>					
2010076	Antimicrobial Fabric Test textiles - AATCC 100	<input type="checkbox"/> antibacterial activity S.aureus [% reduction], antibacterial activity K.pneumoniae [% reduction] (all quantitative)		May-25	
2010078	Antibacterial Parallel Streak textiles - AATCC 147	<input type="checkbox"/> antibacterial activity S.aureus, antibacterial activity K.pneumoniae (all qualitative)		May-25	
2010080	Antibacterial Activity textiles - ISO 20743	<input type="checkbox"/> antibacterial activity S.aureus [log10 reduction], antibacterial activity K.pneumoniae [log10 reduction] (all quantitative)		May-25	
2011104	Antibacterial Activity textiles - AATCC 90	<input type="checkbox"/> antibacterial activity S.aureus [mm], antibacterial activity K.pneumoniae [mm] (all qualitative)		May-25	
2010147	Cotton (GMO)	<input type="checkbox"/> detection of screening elements P-35S, T-NOS and pat (qual.), relative amount T304-40 [%] (quant.), relative amount DAS-81910-7 [%] (quant.)		Dec-25	
<b>tattoo ink</b>					
2010354	Aerobic bacteria in tattoo ink	<input type="checkbox"/> aerobic total count [cfu/g] (all quantitative)	risk group 1	Oct-25	

[A] = For accredited and non-accredited status please see our [Catalogue/ Shop \(ODIN\)](#)

[\*] = Specified parameters correspond to the status of the catalogue publication. The binding parameters for the respective proficiency testing can be viewed in our [online portal \(ODIN\)](#).



Art. no.	Proficiency testing type <sup>[A]</sup>	Parameters [*]	risk group	Period	To view pricing information: <a href="#">Login or register</a>
<b>disinfectant - NEW!</b>					
2011307	<b>Disinfectant bactericidal activity (EN 14561)</b>	<input type="checkbox"/> bactericidal effect S.aureus conc. 1 [log10 cfu/ml], bactericidal effect S.aureus conc. 2 [log10 cfu/ml], bactericidal effect S.aureus conc. 3 [log10 cfu/ml], bactericidal effect Ps.aeruginosa conc. 1 [log10 cfu/ml], bactericidal effect Ps.aeruginosa conc. 2 [log10 cfu/ml], bactericidal effect Ps.aeruginosa conc. 3 [log10 cfu/ml] (all quantitative)		Jun-25	
2011308	<b>Disinfectant levurocidal activity (EN 14562)</b>	<input type="checkbox"/> Levurocidal effect C.albicans conc. 1 [log10 cfu/ml], Levurocidal effect C.albicans conc. 2 [log10 cfu/ml], Levurocidal effect C.albicans conc. 3 [log10 cfu/ml] (all quantitative)		Jun-25	
2011309	<b>Wipes (4-field test) bactericidal activity (EN 16615)</b>	<input type="checkbox"/> bactericidal effect S.aureus conc. 1 [log10 cfu/ml], bactericidal effect S.aureus conc. 2 [log10 cfu/ml], bactericidal effect Ps.aeruginosa conc. 1 [log10 cfu/ml], bactericidal effect Ps.aeruginosa conc. 2 [log10 cfu/ml] (all quantitative)		Jun-25	
2011310	<b>Wipes (4-field test) levurocidal activity (EN 16615)</b>	<input type="checkbox"/> Levurocidal effect C.albicans conc. 1 [log10 cfu/ml], Levurocidal effect C.albicans conc. 2 [log10 cfu/ml] (all quantitative)		Jun-25	
2011311	<b>Disinfectant bactericidal activity (EN 17387, EN 13697)</b>	<input type="checkbox"/> bactericidal effect S.aureus conc. 1 [log10 cfu/ml], bactericidal effect S.aureus conc. 2 [log10 cfu/ml], bactericidal effect S.aureus conc. 3 [log10 cfu/ml], bactericidal effect Ps.aeruginosa conc. 1 [log10 cfu/ml], bactericidal effect Ps.aeruginosa conc. 2 [log10 cfu/ml], bactericidal effect Ps.aeruginosa conc. 3 [log10 cfu/ml] (all quantitative)		Jun-25	
2011312	<b>Disinfectant levurocidal activity (EN 17387, EN 13697)</b>	<input type="checkbox"/> Levurocidal effect C.albicans conc. 1 [log10 cfu/ml], Levurocidal effect C.albicans conc. 2 [log10 cfu/ml], Levurocidal effect C.albicans conc. 3 [log10 cfu/ml] (all quantitative)		Jun-25	
<b>disinfectant</b>					
2010686	<b>Disinfectant bactericidal activity (EN 13727, EN 1276)</b>	<input type="checkbox"/> bactericidal effect S.aureus conc. 1 [log10 cfu/ml], bactericidal effect S.aureus conc. 2 [log10 cfu/ml], bactericidal effect S.aureus conc. 3 [log10 cfu/ml], bactericidal effect Ps.aeruginosa conc. 1 [log10 cfu/ml], bactericidal effect Ps.aeruginosa conc. 2 [log10 cfu/ml], bactericidal effect Ps.aeruginosa conc. 3 [log10 cfu/ml] (all quantitative)		Jun-25	
2010688	<b>Disinfectant levurocidal activity (EN 13624, EN 1650)</b>	<input type="checkbox"/> Levurocidal effect C.albicans conc. 1 [log10 cfu/ml], Levurocidal effect C.albicans conc. 2 [log10 cfu/ml], Levurocidal effect C.albicans conc. 3 [log10 cfu/ml] (all quantitative)		Jun-25	
2010690	<b>Disinfectant mycobactericidal activity (EN 14348)</b>	<input type="checkbox"/> mycobactericidal effect M.terrae conc. 1 [log10 cfu/ml], mycobactericidal effect M.terrae conc. 2 [log10 cfu/ml], mycobactericidal effect M.terrae conc. 3 [log10 cfu/ml] (all quantitative)		Jun-25	
2010692	<b>Disinfectant sporocidal activity (EN 17126)</b>	<input type="checkbox"/> sporocidal activity B.subtilis [log10 pfu/ml], sporocidal activity B.cereus [log10 pfu/ml] (all quantitative)		Jun-25	
2010694	<b>Disinfectant virucidal activity (EN 14476)</b>	<input type="checkbox"/> virucidal activity (Vacciniavirus) [log10 pfu/ml] (all quantitative)		Jun-25	
<b>toys - NEW!</b>					
2011302	<b>Salmonella spp. toys containing aqueous media</b>	<input type="checkbox"/> Salmonella spp. (all qualitative)	<b>risk group 2</b>	Jul-25	
2011303	<b>Enterobacteriaceae toys containing aqueous media</b>	<input type="checkbox"/> Enterobacteriaceae [cfu/g] (all quantitative)	<b>risk group 1</b>	Jul-25	

[A] = For accredited and non-accredited status please see our [Catalogue/ Shop \(ODIN\)](#)

[\*] = Specified parameters correspond to the status of the catalogue publication. The binding parameters for the respective proficiency testing can be viewed in our [online portal \(ODIN\)](#).

# Proficiency tests - immunological, molecular biological & microbiological



Art. no.	Proficiency testing type <sup>[A]</sup>	Parameters [*]	risk group	Period	To view pricing information:
<b>Other building materials</b>					<a href="#">Login or register</a>
2010682	<b>moulds building materials (surface contact sample)</b>	<input type="checkbox"/> moulds [cfu/sample]	<b>risk group 2</b>	Apr-25	
2010684	<b>moulds building materials (material sample)</b>	<input type="checkbox"/> moulds qualitative [cfu/g]	<b>risk group 2</b>	Apr-25	
<b>Plastics - surfaces</b>					
2010623	<b>Antibacterial activity plastics - ISO 22196</b>	<input type="checkbox"/> antibacterial activity S.aureus [log10 reduction], antibacterial activity E.coli [log10 reduction]		May-25	

[A] = For accredited and non-accredited status please see our [Catalogue/ Shop \(ODIN\)](#)

[\*] = Specified parameters correspond to the status of the catalogue publication. The binding parameters for the respective proficiency testing can be viewed in our [online portal \(ODIN\)](#).

Art. no.	Proficiency testing type <sup>[A]</sup>	Parameters [*]	risk group	Period	To view pricing information:
<b>medical devices - NEW!</b>					<a href="#">Login or register</a>
2011286	Medical devices - in vitro skin irritation (ISO 10993-23)	<input type="checkbox"/> skin irritation (all qualitative)		Oct-25	
2011287	Medical devices - pyrogenic monocyte activation test (Ph. EP 2.6.30)	<input type="checkbox"/> monocyte activation, IL-6 (all qualitative)		Nov-25	
2011288	Medical devices - in vitro skin sensitisation (OECD 442D, KeratinoSens)	<input type="checkbox"/> skin sensitisation (all qualitative)		Dec-25	
2011289	Medical devices - in vitro skin sensitisation (OECD 442E, h-CLAT)	<input type="checkbox"/> skin sensitisation, CD86, CD54 (all qualitative)		Dec-25	
2011290	Medical devices - in vitro eye irritation (OECD492b)	<input type="checkbox"/> in vitro eye irritation (all qualitative)		Sep-25	
2011291	Medical devices - detection of endotoxins (ISO 11737-3)	<input type="checkbox"/> endotoxins (all qualitative)		Oct-25	
2011292	Sterility testing medical devices (Ph. Eur. 2.6.1)	<input type="checkbox"/> aerobic microbial load (all qualitative)	<b>risk group 1</b>	Oct-25	
2011293	Microbiological analysis of water from dental units 1	<input type="checkbox"/> aerobic total count 36°C (all quantitative)	<b>risk group 1</b>	Oct-25	
2011294	Microbiological analysis of water from dental units 2	<input type="checkbox"/> Ps.aeruginosa (all quantitative)	<b>risk group 2</b>	Oct-25	
2011295	Microbiological analysis of water from dental units 3	<input type="checkbox"/> Legionella spp. plating (original sample), Legionella spp. membrane filtration (with acid treatment) (all quantitative)	<b>risk group 2</b>	Oct-25	
2011296	Microbiological analysis of dialysis water 1	<input type="checkbox"/> Aerobic total count 36 °C, Aerobic total count 20 °C (all quantitative)	<b>risk group 1</b>	Oct-25	
2011297	Microbiological analysis of dialysis water 2	<input type="checkbox"/> Ps. aeruginosa (all quantitative)	<b>risk group 2</b>	Oct-25	
2011298	Microbiological analysis of dialysis water 3	<input type="checkbox"/> E.coli, Coliforms (all quantitative)	<b>risk group 1</b>	Oct-25	
<b>medical devices</b>					
2010696	Testing of sterilization of medical devices 1 (ISO 11737-1)	<input type="checkbox"/> aerobic total count [cfu/product] (all quantitative)	<b>risk group 1</b>	Jun-25	
2010964	Testing of sterilization of medical devices 2 (ISO 11737-1)	<input type="checkbox"/> yeasts [cfu/product] (all quantitative)	<b>risk group 1</b>	Jun-25	
2010966	Testing of sterilization of medical devices 3 (ISO 11737-1)	<input type="checkbox"/> moulds [cfu/product] (all quantitative)	<b>risk group 1</b>	Jun-25	
2010968	Testing of sterilization of medical devices 4 (ISO 11737-1)	<input type="checkbox"/> aerobic spores [cfu/product] (all quantitative)	<b>risk group 1</b>	Jun-25	
2011171	Testing of sterilization of medical devices 5 (ISO 11737-1)	<input type="checkbox"/> anaerobic spores [cfu/product] (all quantitative)	<b>risk group 2</b>	Jun-25	
2010281	Tests for in vitro cytotoxicity (ISO 10993-5)	<input type="checkbox"/> in vitro cytotoxicity qualitative (all qualitative)		Nov-25	
2010283	Microbial barrier testing of packaging materials	<input type="checkbox"/> microbial barrier (all qualitative)	<b>risk group 1</b>	Nov-25	
2010657	Identification of microorganisms using MALDI-ToF	<input type="checkbox"/> identification of microorganism MALDI-ToF (all qualitative)	<b>risk group 2</b>	Nov-25	
2010567	Microbiological analysis of endoscopes	<input type="checkbox"/> aerobic total count [cfu/endoscope channel] (quant.), identification of germs (qual.)	<b>risk group 2</b>	Oct-25	
2010961	Medical devices - protein residues	<input type="checkbox"/> protein [µg]§2§		Sep-25	

[A] = For accredited and non-accredited status please see our [Catalogue/ Shop \(ODIN\)](#)

[\*] = Specified parameters correspond to the status of the catalogue publication. The binding parameters for the respective proficiency testing can be viewed in our [online portal \(ODIN\)](#).

Art. no.	Proficiency testing type <sup>[A]</sup>	Parameters [*]	risk group	Period	To view pricing information:
<b>Drinking water</b>					<a href="#">Login or register</a>
2010660	<b>Ps. Aeruginosa drinking water</b>	<input type="checkbox"/> Ps.aeruginosa [cfu/100ml] (all quantitative)	<b>risk group 2</b>	Jul-25	
2010658	<b>Enterococcus drinking water</b>	<input type="checkbox"/> Enterococcus [cfu/100ml] (all quantitative)	<b>risk group 1-2</b>	Apr-25	
2010656	<b>Aerobic total count drinking water</b>	<input type="checkbox"/> aerobic total count 36°C [KbE/ml], aerobic total count 22°C [KbE/ml] (all quantitative)	<b>risk group 1</b>	Apr-25	
2010654	<b>E.coli, Coliforme bacteria drinking water</b>	<input type="checkbox"/> E.coli [cfu/100ml], Coliforms [cfu/100ml] (all quantitative)	<b>risk group 1</b>	Apr-25	
2010114	<b>Legionella spp. drinking water</b>	<input type="checkbox"/> Legionella spp. plating (original sample) [cfu/100ml], Legionella spp. membrane filtration (with acid treatment) [cfu/100ml] (all quantitative)	<b>risk group 2</b>	Sep-25	
<b>Surface- and waste water (bath water)</b>					
2010670	<b>E.coli, Coliforme bacteria surface- and waste water</b>	<input type="checkbox"/> E.coli [cfu/100ml], Coliforms [cfu/100ml] (all quantitative)	<b>risk group 1</b>	Apr-25	
2010672	<b>Enterococcus surface- and waste water (bath water)</b>	<input type="checkbox"/> Enterococcus [cfu/100ml] (all quantitative)	<b>risk group 1-2</b>	Apr-25	
<b>Recooling water</b>					
2010958	<b>Legionella recooling water</b>	<input type="checkbox"/> Legionella spp. membrane filtration (after heat treatment) [cfu/100ml], Legionella spp. membrane filtration (with acid treatment) [cfu/100ml], Legionella spp. plating (original sample) [cfu/100ml], Legionella spp. plating (after heat treatment) [cfu/100ml], Legionella spp. plating (with acid treatment) [cfu/100ml] (all quantitative)	<b>risk group 2</b>	Sep-25	
2010960	<b>Pseudomonas aeruginosa recooling water</b>	<input type="checkbox"/> Ps.aeruginosa [cfu/100ml] (all quantitative)	<b>risk group 2</b>	Jul-25	
2010962	<b>Total count recooling water</b>	<input type="checkbox"/> aerobic total count 36°C [cfu/ml], aerobic total count 22°C [cfu/ml] (all quantitative)	<b>risk group 2</b>	Jul-25	
<b>Indoor air - NEW!</b>					
2011301	<b>Identification moulds in indoor air</b>	<input type="checkbox"/> identification of moulds (all qualitative)	<b>risk group 1</b>	Jul-25	
<b>Indoor air</b>					
2010954	<b>Enumeration moulds indoor air</b>	<input type="checkbox"/> moulds [cfu/filter] (all quantitative)	<b>risk group 1</b>	Jul-25	
<b>Biodegradation</b>					
2011136	<b>CO2 evolution test (ISO 9439, OECD 301B)</b>	<input type="checkbox"/> CO2 [mg] (all quantitative)		Sep-25	
2011137	<b>Zahn-Wellens, EMPA test (ISO 9888, OECD 302B)</b>	<input type="checkbox"/> Final degree of degradation [%], Biodegradation t = 3 h [%], Biodegradation t = 1 d [%], Biodegradation t = 3 d [%], Biodegradation t = 7 d [%], Biodegradation t = 10 d [%], Biodegradation t = 14 d [%], Biodegradation t = 17 d [%], Biodegradation t = 23 d [%], Biodegradation t = 28 d [%] (all quantitative)		Sep-25	
2011138	<b>Plastic materials - aerobic biodegradability (ISO 14855-2, ASTM D5338-15)</b>	<input type="checkbox"/> Biodegradation via CO2 [%] (all quantitative)		Oct-25	
2011139	<b>Plastic materials - anaerobic biodegradability (ASTM D5511)</b>	<input type="checkbox"/> Biodegradation via CO2 and CH4 development [%] (all quantitative)		Oct-25	

[A] = For accredited and non-accredited status please see our [Catalogue/ Shop \(ODIN\)](#)

[\*] = Specified parameters correspond to the status of the catalogue publication. The binding parameters for the respective proficiency testing can be viewed in our [online portal \(ODIN\)](#).

# registration form proficiency testing



Additional samples are required for the following tests:

Quantity	Art. No. / Proficiency testing type
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

**For questions and suggestions do not hesitate to contact the DRRR-team!**

+49(0)831/960 878-0

[info@DRRR.de](mailto:info@DRRR.de)

© DRRR rev.: 30.10.2024 (changes reserved)

**For proficiency testing schemes labelled with "risk group 2, or 3\*\*" we need a permission or an exemption for working with pathogenic microorganisms of your lab if existing in your country (e.g. "infection protection law (IfSG) in Germany).**

In very rare individual cases an accredited proficiency testing round will not be carried out within the scope of accreditation due to technical or organizational reasons. In these rare cases the DRRR will inform the participants before the start of the proficiency testing round, thus before the sample shipment. An immediately free cancellation for the participants is possible until the date of the sample shipment.

Your registration is an one-time order. It is only valid for one year. Cancellation fees apply when cancelling a registration. If you want to have a permanent-registration please tick the box on the right side.

This registration is permanent-registration and valid until my cancellation  
 An offer with the total costs is needed  
 A Purchase order from the purchasing department will follow

Order by e-mail: [info@DRRR.de](mailto:info@DRRR.de)

Hereby we confirm obligatorily the participation in the above mentioned test(s) and the order for the additional sample sets.

_____	<b>DRRR-customer number</b>
_____	<b>company</b>
_____	<b>additional line</b>
_____	<b>contact person</b>
_____	<b>street</b>
_____	<b>post code / city</b>
_____	<b>country</b>
_____	<b>email</b>
_____	<b>VAT-ID (EU)</b>

Date:

**Deutsches Referenzbüro**  
 für Ringversuche und Referenzmaterialien GmbH  
 Reinhartser Straße 31 | 87437 Kempten  
 Tel.: +49 (0)8 31/960 878-0 | Fax: +49 (0)8 31/960 878-99  
[www.DRRR.de](http://www.DRRR.de) | [info@DRRR.de](mailto:info@DRRR.de)

# reference material



## Importance

Reference material is a substance or item with one or more defined (known) characteristics and sufficient homogeneity.

**Description reference material**

## Benefit of using certified reference materials

These materials are suitable for the calibration of equipment, for the quality assurance of testing methods or to analyse derivative reference materials. DRRR-Reference materials are essential for the chemical, physical, microbiological and sensory analytics as well as for the quality assurance. Standards for the accreditation of testing and calibration laboratories demand the using of reference materials. The use of reference materials (RM) and certified reference materials (CRM) is an important procedure to avoid mistakes in the lab routine.

**Profit with our high quality standards for your lab work**

## Characteristics

- the reference value is developed by the total number of results of the participants of proficiency testing (consensus value)
- DRRR-Reference materials do always refer to a DRRR-Proficiency testing
- reliable reference values according to advanced statistical evaluation
- independent service without influence of societies organisations and federations

The opportunity to collaborate with the best laboratories for the different requirements assures the high quality of our materials.

**Reference materials meet all requirements of the ISO Guides 31 and 35, but it does not exist any accreditation for reference materials.**

## Identification

The reference materials listed on the following pages have specific article numbers to identify the materials. To supply our customers with consistently high quality the DRRR-reference materials will be replaced regularly by corresponding materials during the year.

Currently available reference materials and its corresponding reference values will be sent on request. We reserve our right to send you always the latest materials.

**Availability and order request of reference material**

Art. no.	material description	Parameters [*]	risk group	additional information / packaging unit / price:
<b>Milk and cream</b>				on request: <a href="mailto:info@drrr.de">info@drrr.de</a>
2201001	reference solution E.coli	<input type="checkbox"/> E.coli [cfu/g], aerobic total count [cfu/g]	<b>risk group 1</b>	
2201002	reference solution Enterobacteriaceae	<input type="checkbox"/> Enterobacteriaceae [cfu/g], aerobic total count [cfu/g]	<b>risk group 1</b>	
2201003	E.coli milk	<input type="checkbox"/> E.coli [cfu/g], aerobic total count [cfu/g]	<b>risk group 1</b>	
2201004	Enterobacteriaceae milk	<input type="checkbox"/> Enterobacteriaceae [cfu/g], aerobic total count [cfu/g]	<b>risk group 1</b>	
2201005	Aerobic spores milk	<input type="checkbox"/> aerobic spores [cfu/g], aerobic total count [cfu/g]	<b>risk group 1</b>	
2201006	Detection Campylobacter spp. milk	<input type="checkbox"/> Campylobacter spp. (pos./neg.)	<b>risk group 2</b>	
2201076	Psychrotrophic bacteria milk	<input type="checkbox"/> psychrotrophic total count (7°C) [cfu/g], psychrotrophic total count (21°C) [cfu/g]	<b>risk group 1</b>	
2201074	Yeasts in milk	<input type="checkbox"/> yeasts [cfu/g], aerobic total count [cfu/g]	<b>risk group 1</b>	
2201091	EHEC O157 milk	<input type="checkbox"/> EHEC O157 (pos./neg.)	<b>risk group 3 **</b>	
2201085	Novovirus milk	<input type="checkbox"/> Norovirus (pos./neg.)	<b>risk group 2</b>	
2201108	Detection B.cereus milk	<input type="checkbox"/> B.cereus qualitative (pos./neg.)	<b>risk group 2</b>	
1101025	Milk (residues)	<input type="checkbox"/> Chloramphenicol (CAS 56-75-7) [µg/kg], PCB 101 (CAS 37680-73-2) [(mg/kg) fat], trichlormethane (CAS 67-66-3) [mg/kg], aflatoxin M1 [µg/kg], Streptomycin (CAS 57-92-1) [µg/l], tetracycline (CAS 60-54-8) [µg/kg]		
<b>Milk products (other)</b>				
2201101	Characteristic microorganisms yoghurt	<input type="checkbox"/> Lactobacillus bulgaricus [cfu/g], Streptococcus thermophilus [cfu/g]	<b>risk group 1</b>	
<b>Cheese</b>				
2201007	E.coli cheese	<input type="checkbox"/> E.coli [cfu/g], aerobic total count [cfu/g]	<b>risk group 1</b>	
2201008	Listeria cheese	<input type="checkbox"/> L. monocytogenes qualitative (pos./neg.)	<b>risk group 2</b>	
2201009	Enterobacteriaceae cheese	<input type="checkbox"/> Enterobacteriaceae [cfu/g], aerobic total count [cfu/g]	<b>risk group 1</b>	
2201010	Moulds cheese	<input type="checkbox"/> moulds [cfu/g], aerobic total count [cfu/g]	<b>risk group 1</b>	
2201011	Yeasts cheese	<input type="checkbox"/> yeasts [cfu/g], aerobic total count [cfu/g]	<b>risk group 1</b>	
2201012	Coagulase-positive Staphylococcus cheese	<input type="checkbox"/> coagulase-positive Staphylococcus [cfu/g], aerobic total count [cfu/g]	<b>risk group 2</b>	
2201013	B.cereus processed cheese	<input type="checkbox"/> B.cereus [cfu/g], aerobic total count [cfu/g]	<b>risk group 2</b>	
<b>Ice-cream</b>				
2201063	Enterobacteriaceae ice-cream	<input type="checkbox"/> Enterobacteriaceae [cfu/g], aerobic total count [cfu/g]	<b>risk group 2</b>	
2201065	Salmonella spp. ice-cream	<input type="checkbox"/> Salmonella spp. (pos./neg.)	<b>risk group 2</b>	
2201064	E.coli ice-cream	<input type="checkbox"/> E.coli [cfu/g], aerobic total count [cfu/g]	<b>risk group 1</b>	
2201066	L.monocytogenes ice-cream	<input type="checkbox"/> L. monocytogenes qualitative (pos./neg.)	<b>risk group 2</b>	

[\*] = Sometimes we used more than one method per parameter. The values of the germ contents varies for each material from 10<sup>2</sup> to 10<sup>5</sup> KbE/g or KbE/ml and can be asked before order.

Art. no.	material description	Parameters [*]	risk group	additional information / packaging unit / price:
<b>Milk powder</b>				on request: <a href="mailto:info@drrr.de">info@drrr.de</a>
2201014	<b>Coliform bacteria milk powder</b>	<input type="checkbox"/> Coliforms [cfu/g], aerobic total count [cfu/g]	<b>risk group 1</b>	
2201015	<b>Moulds milk powder</b>	<input type="checkbox"/> moulds [cfu/g], aerobic total count [cfu/g]	<b>risk group 1</b>	
2201016	<b>Yeasts milk powder</b>	<input type="checkbox"/> yeasts [cfu/g], aerobic total count [cfu/g]	<b>risk group 1</b>	
2201017	<b>E.coli milk powder</b>	<input type="checkbox"/> E.coli [cfu/g], aerobic total count [cfu/g]	<b>risk group 1</b>	
2201018	<b>Enterobacteriaceae milk powder</b>	<input type="checkbox"/> Enterobacteriaceae [cfu/g], aerobic total count [cfu/g]	<b>risk group 1</b>	
2201019	<b>Enterococcus milk powder</b>	<input type="checkbox"/> Enterococcus [cfu/g], aerobic total count [cfu/g]	<b>risk group 1</b>	
2201020	<b>Lactobacillus milk powder</b>	<input type="checkbox"/> lactobacilli (microaerophilic) [cfu/g], aerobic total count [cfu/g], lactobacilli (aerobic) [cfu/g]	<b>risk group 1</b>	
2201021	<b>Shigella spp. milk powder</b>	<input type="checkbox"/> Shigella spp. (pos./neg.)	<b>risk group 2</b>	
2201022	<b>Clostridia milk powder</b>	<input type="checkbox"/> sulfite-reducing Clostridia (vegetative) [cfu/g], anaerobic total count [cfu/g], anaerobic, mesophilic, sulfite-reducing spores [cfu/g], C.perfringens [cfu/g]	<b>risk group 2</b>	
2201083	<b>Clostridia milk powder qualitative</b>	<input type="checkbox"/> Clostridia spp. (pos./neg.)	<b>risk group 2</b>	
2201023	<b>B.cereus milk powder</b>	<input type="checkbox"/> B.cereus [cfu/g], aerobic total count [cfu/g]	<b>risk group 2</b>	
2201024	<b>Cronobacter spp. milk powder</b>	<input type="checkbox"/> Cronobacter spp. (pos./neg.)	<b>risk group 2</b>	
2201025	<b>Salmonella spp. milk powder</b>	<input type="checkbox"/> Salmonella spp. (pos./neg.)	<b>risk group 2</b>	
2201026	<b>Coagulase-positive Staphylococcus milk powder</b>	<input type="checkbox"/> coagulase-positive Staphylococcus [cfu/g], aerobic total count [cfu/g]	<b>risk group 2</b>	
2201078	<b>Coagulase-positive Staphylococcus milk powder qualitative</b>	<input type="checkbox"/> coagulase-positive Staphylococcus qualitative (pos./neg.)	<b>risk group 2</b>	
2201028	<b>Listeria milk powder qualitative</b>	<input type="checkbox"/> L.monocytogenes qualitative (pos./neg.)	<b>risk group 2</b>	
2201027	<b>Listeria milk powder quantitative</b>	<input type="checkbox"/> L.monocytogenes qualitative (pos./neg.)	<b>risk group 2</b>	
2201062	<b>Thermophilic bacteria (55 °C) milk powder</b>	<input type="checkbox"/> thermophilic aerobic total count (55°C, vegetative) [cfu/g], thermoresistent spores of aerobic, thermophilic bacteria [cfu/g]	<b>risk group 1</b>	
2201080	<b>Anaerobic, mesophilic spores milk powder</b>	<input type="checkbox"/> anaerobic mesophile spores [cfu/g], anaerobic total count [cfu/g]	<b>risk group 2</b>	
2201082	<b>Pseudomonas spp. milk powder qualitative</b>	<input type="checkbox"/> Pseudomonas spp. qualitative (pos./neg.)	<b>risk group 2</b>	

[\*] = Sometimes we used more than one method per parameter. The values of the germ contents varies for each material from 10<sup>2</sup> to 10<sup>5</sup> KbE/g or KbE/ml and can be asked before order.



Art. no.	material description	Parameters [*]	risk group	additional information / packaging unit / price:
<b>Meat products</b>				on request: <a href="mailto:info@drrr.de">info@drrr.de</a>
2201038	<b>E.coli ground meat</b>	<input type="checkbox"/> E.coli [cfu/g], aerobic total count [cfu/g]	<b>risk group 1</b>	
2201039	<b>Enterobacteriaceae ground meat</b>	<input type="checkbox"/> Enterobacteriaceae [cfu/g], aerobic total count [cfu/g]	<b>risk group 1</b>	
2201040	<b>Lactobacillus ground meat</b>	<input type="checkbox"/> lactobacilli (aerobic) [cfu/g], aerobic total count [cfu/g]	<b>risk group 1</b>	
2201041	<b>Coagulase-positive Staphylococcus ground meat</b>	<input type="checkbox"/> coagulase-positive Staphylococcus [cfu/g], aerobic total count [cfu/g]	<b>risk group 2</b>	
2201042	<b>Pseudomonas spp. ground meat</b>	<input type="checkbox"/> Pseudomonas spp. [cfu/g], aerobic total count [cfu/g]	<b>risk group 2</b>	
2201043	<b>Salmonella spp. ground meat</b>	<input type="checkbox"/> Salmonella spp. (pos./neg.)	<b>risk group 2</b>	
2201044	<b>Listeria ground meat quantitative</b>	<input type="checkbox"/> L. monocytogenes [cfu/g], aerobic total count [cfu/g]	<b>risk group 2</b>	
2201045	<b>Listeria ground meat qualitative</b>	<input type="checkbox"/> L. monocytogenes qualitative (pos./neg.)	<b>risk group 2</b>	
2201046	<b>Detection Campylobacter spp. poultry</b>	<input type="checkbox"/> Campylobacter spp. (pos./neg.)	<b>risk group 2</b>	
2201107	<b>Enumeration Campylobacter spp. poultry</b>	<input type="checkbox"/> Campylobacter spp. quantitative [CFU/g]	<b>risk group 2</b>	
2201081	<b>Coliforme bacteria ground meat</b>	<input type="checkbox"/> Coliforms [cfu/g], aerobic total count [cfu/g]	<b>risk group 1</b>	
2201084	<b>Clostridia ground meat</b>	<input type="checkbox"/> sulfite-reducing Clostridia (vegetative) [cfu/g], anaerobic total count [cfu/g], anaerobic, mesophilic, sulfite-reducing spores [cfu/g], C.perfringens [cfu/g]	<b>risk group 2</b>	
1121056	<b>Beef, pork, horse</b>	<input type="checkbox"/> Identification of species, Relative amount beef [%], Relative amount pork [%], Relative amount horse [%]		
1121057	<b>Porcine and beef DNA in gelatine</b>	<input type="checkbox"/> Identification of the animal species pork, Identification of the animal species beef (pos./neg.)		
1121096	<b>Porcine DNA in Candy</b>	<input type="checkbox"/> Identification of the animal species pork (pos./neg.)		

[\*] = Sometimes we used more than one method per parameter. The values of the germ contents varies for each material from 10<sup>2</sup> to 10<sup>5</sup> KbE/g or KbE/ml and can be asked before order.

Art. no.	material description	Parameters [*]	risk group	additional information / packaging unit / price:
<b>Egg products</b>				on request: <a href="mailto:info@drrr.de">info@drrr.de</a>
2201037	<b>Enterobacteriaceae in egg products</b>	<input type="checkbox"/> Enterobacteriaceae [cfu/g], aerobic total count [cfu/g]	<b>risk group 1</b>	
2201056	<b>Salmonella spp. egg products</b>	<input type="checkbox"/> Salmonella spp. (pos./neg.)	<b>risk group 2</b>	
2201057	<b>E.coli egg products</b>	<input type="checkbox"/> E.coli [cfu/g], aerobic total count [cfu/g]	<b>risk group 1</b>	
<b>Fish &amp; seafood</b>				
2201047	<b>Yersinia enterocolitica seafood</b>	<input type="checkbox"/> Yersinia enterocolitica (pos./neg.)	<b>risk group 2</b>	
2201048	<b>Pathogenic Vibrio spp. seafood</b>	<input type="checkbox"/> Vibrio parahaemolyticus (pos./neg.)	<b>risk group 2</b>	
2201060	<b>Salmonella spp. Seafood</b>	<input type="checkbox"/> Salmonella spp. (pos./neg.)	<b>risk group 2</b>	
<b>Infant formula</b>				
2201093	<b>Enterobacteriaceae infant formula (powder) qualitative</b>	<input type="checkbox"/> Enterobacteriaceae (pos./neg.)	<b>risk group 1</b>	
<b>Food matrices (other)</b>				
2201050	<b>Salmonella spp. spice powder</b>	<input type="checkbox"/> Salmonella spp. (pos./neg.)	<b>risk group 2</b>	
2201052	<b>Listeria convenience products</b>	<input type="checkbox"/> L. monocytogenes qualitative (pos./neg.)	<b>risk group 2</b>	
2201059	<b>Salmonella spp. Herbs</b>	<input type="checkbox"/> Salmonella spp. (pos./neg.)	<b>risk group 2</b>	
<b>Animal feed</b>				
2201053	<b>Clostridia animal feed</b>	<input type="checkbox"/> sulfite-reducing Clostridia (vegetative) [cfu/g], lactobacilli (anaerobic) [cfu/g], anaerobic mesophilic sulfite-reducing spores [cfu/g], anaerobic mesophilic total spores (nonselective) [cfu/g]	<b>risk group 2</b>	
2201054	<b>Salmonella spp. in feed stuff</b>	<input type="checkbox"/> Salmonella spp. (pos./neg.)	<b>risk group 2</b>	
2201109	<b>Listeria spp. in animal feed</b>	<input type="checkbox"/> Listeria spp qualitative (pos./neg.)	<b>risk group 2</b>	
<b>Honey and beeswax</b>				
1121078	<b>GMOs in honey</b>	<input type="checkbox"/> detection of screening elements P-35S, T-NOS and P-FMV (pos./neg.)		

[\*] = Sometimes we used more than one method per parameter. The values of the germ contents varies for each material from 10<sup>2</sup> to 10<sup>5</sup> KbE/g or KbE/ml and can be asked before order.

Art. no.	material description	Parameters [*]	risk group	additional information / packaging unit / price:
<b>Fruit &amp; vegetables products</b>				on request: <a href="mailto:info@drrr.de">info@drrr.de</a>
2201029	<b>Moulds fruit preparation quantitative</b>	<input type="checkbox"/> moulds [cfu/g]	<b>risk group 1</b>	
2201030	<b>Moulds fruit preparation qualitative</b>	<input type="checkbox"/> moulds qualitative (pos./neg.)	<b>risk group 1</b>	
2201031	<b>Yeasts fruit preparation quantitative</b>	<input type="checkbox"/> yeasts [cfu/g]	<b>risk group 1</b>	
2201032	<b>Yeasts fruit preparation qualitative</b>	<input type="checkbox"/> yeasts qualitative (pos./neg.)	<b>risk group 1</b>	
2201033	<b>Listeria vegetables quantitative</b>	<input type="checkbox"/> L. monocytogenes [cfu/g], aerobic total count [cfu/g]	<b>risk group 2</b>	
2201034	<b>Listeria vegetables qualitative</b>	<input type="checkbox"/> L. monocytogenes qualitative (pos./neg.)	<b>risk group 2</b>	
2201067	<b>Osmophilic yeasts sugar solution</b>	<input type="checkbox"/> osmophilic yeasts [cfu/g], aerobic total count [cfu/g]	<b>risk group 1</b>	
2201068	<b>Osmophilic moulds sugar solution</b>	<input type="checkbox"/> osmophilic moulds [cfu/g], aerobic total count [cfu/g]	<b>risk group 1</b>	
2201102	<b>Yeasts dates</b>	<input type="checkbox"/> yeasts [cfu/g], aerobic total count [cfu/g]	<b>risk group 1</b>	
2201103	<b>Moulds dates</b>	<input type="checkbox"/> moulds [cfu/g], aerobic total count [cfu/g]	<b>risk group 1</b>	
<b>Nonalcoholic beverages</b>				
2201035	<b>E.coli fruit juice</b>	<input type="checkbox"/> E.coli [cfu/g], aerobic total count [cfu/g]	<b>risk group 1</b>	
2201058	<b>Alicyclobacillus spp. fruit juice concentrate &amp; compounds</b>	<input type="checkbox"/> Alicyclobacillus spp. (pos./neg.)	<b>risk group 1</b>	
2201069	<b>Yeasts fruit juice concentrate</b>	<input type="checkbox"/> yeasts [cfu/g], aerobic total count [cfu/g]	<b>risk group 1</b>	
2201070	<b>Moulds fruit juice concentrate</b>	<input type="checkbox"/> moulds [cfu/g], aerobic total count [cfu/g]	<b>risk group 1</b>	
2201071	<b>Lactic acid bacteria fruit juice</b>	<input type="checkbox"/> lactic acid bacteria (aerobic) [cfu/g], aerobic total count [cfu/g]	<b>risk group 1</b>	
2201072	<b>Acetic acid bacteria fruit juice concentrate</b>	<input type="checkbox"/> acetic acid bacteria [cfu/g], aerobic total count [cfu/g]	<b>risk group 1</b>	
2201090	<b>Spoiling agents in fruit juice concentrate &amp; compounds</b>	<input type="checkbox"/> spoiling agents quantitative [cfu/g], aerobic total count [cfu/g], spoiling agents qualitative	<b>risk group 1</b>	

[\*] = Sometimes we used more than one method per parameter. The values of the germ contents varies for each material from 10<sup>2</sup> to 10<sup>5</sup> KbE/g or KbE/ml and can be asked before order.

# Reference material - immunological, molecular biological & microbiological



Art. no.	material description	Parameters [*]	risk group	additional information / packaging unit / price:
<b>mineral water and table water</b>				on request: <a href="mailto:info@drrr.de">info@drrr.de</a>
2221011	<b>Aerobic total count mineral water and table water</b>	<input type="checkbox"/> aerobic total count 37°C [KbE/ml], aerobic total count 20°C [KbE/ml]	<b>risk group 1</b>	
2221012	<b>Streptococci (faecal) mineral water and table water</b>	<input type="checkbox"/> streptococci (faecal) qualitative (pos./neg.)	<b>risk group 2</b>	
2221013	<b>E.coli mineral water and table water</b>	<input type="checkbox"/> E.coli qualitative (pos./neg.)	<b>risk group 1</b>	
2221022	<b>Coliforme bacteria mineral water and table water</b>	<input type="checkbox"/> Coliforme qualitative (pos./neg.)	<b>risk group 1</b>	
2221014	<b>Pseudomonas aeruginosa mineral water and table water</b>	<input type="checkbox"/> Ps.aeruginosa qualitative (pos./neg.)	<b>risk group 2</b>	
2221015	<b>Sulfite-reducing, spore-forming anaerobes mineral water</b>	<input type="checkbox"/> sulfite-reducing, spore-forming anaerobes qualitative (pos./neg.)	<b>risk group 2</b>	
<b>Cocoa and chocolate</b>				
2201049	<b>Salmonella spp. chocolate</b>	<input type="checkbox"/> Salmonella spp. (pos./neg.)	<b>risk group 2</b>	

[\*] = Sometimes we used more than one method per parameter. The values of the germ contents varies for each material from  $10^2$  to  $10^5$  KbE/g or KbE/ml and can be asked before order.

Art. no.	material description	Parameters [*]	risk group	additional information / packaging unit / price:
<b>Canning, glass</b>				on request: <a href="mailto:info@drrr.de">info@drrr.de</a>
2251004	Mesophilic sterility testing tinned food	<input type="checkbox"/> mesophilic germ load (pos./neg.)	<b>risk group 1</b>	
2251019	Thermophilic sterility testing tinned food	<input type="checkbox"/> thermophilic germ load (55°C) (pos./neg.)	<b>risk group 1</b>	
2251020	Anaerobic mesophilic sterility testing tinned food	<input type="checkbox"/> anaerobic mesophilic germ load (pos./neg.)	<b>risk group 2</b>	
<b>Plastic surface</b>				
2251001	Moulds plastic surface	<input type="checkbox"/> moulds [cfu/100qcm]	<b>risk group 1</b>	
2251002	Aerobic total count plastic surface	<input type="checkbox"/> aerobic total count [cfu/100qcm]	<b>risk group 1</b>	
2251037	Enterobacteriaceae plastic surface	<input type="checkbox"/> Enterobacteriaceae [cfu/100qcm]	<b>risk group 1</b>	
2251038	Listeria spp. plastic surface	<input type="checkbox"/> Listeria spp. [cfu/100qcm]	<b>risk group 2</b>	
<b>Paper and board</b>				
2251029	Paper - transition of antimicrobial components (EN 1104)	<input type="checkbox"/> antibacterial effect Bacillus subtilis [mm], antimycotic effect Aspergillus niger [mm] (pos./neg.)		
2251039	Aerobic bacteria on paper, board (ISO 8784-2)	<input type="checkbox"/> aerobic total count	<b>risk group 1</b>	
2251040	Moulds on paper, board (ISO 8784-2)	<input type="checkbox"/> moulds	<b>risk group 1</b>	
<b>Cosmetic</b>				
2251005	Aerobic Bacteria O W-emulsion	<input type="checkbox"/> aerobic total count [cfu/g]	<b>risk group 1</b>	
2251006	Moulds O W-emulsion	<input type="checkbox"/> moulds [cfu/g]	<b>risk group 1</b>	
2251007	E.coli O W-emulsion	<input type="checkbox"/> E.coli (pos./neg.)	<b>risk group 2</b>	
2251008	S.aureus O W-emulsion	<input type="checkbox"/> S.aureus (pos./neg.)	<b>risk group 2</b>	
2251009	Identification of germs O W-emulsion	<input type="checkbox"/> identification of germs	<b>risk group 2</b>	
2251010	C.albicans O W-emulsion	<input type="checkbox"/> C.albicans (pos./neg.)	<b>risk group 2</b>	
2251011	Ps.aeruginosa O W-emulsion	<input type="checkbox"/> Ps.aeruginosa (pos./neg.)	<b>risk group 2</b>	
2251028	Challenge test	<input type="checkbox"/> Ps.aeruginosa [CFU/g], S.aureus [CFU/g], E.coli [CFU/g], C.albicans [CFU/g], A.brasiliensis [CFU/g]	<b>risk group 2</b>	
<b>Textiles</b>				
2251024	Antimicrobial Fabric Test textiles - AATCC 100	<input type="checkbox"/> antibacterial activity S.aureus [% reduction], antibacterial activity K.pneumoniae [% reduction]		
2251025	Antibacterial Parallel Streak textiles - AATCC 147	<input type="checkbox"/> antibacterial activity S.aureus, antibacterial activity K.pneumoniae (pos./neg.)		
2251026	Antibacterial Activity textiles - ISO 20743	<input type="checkbox"/> antibacterial activity S.aureus [log10 reduction], antibacterial activity K.pneumoniae [log10 reduction]		
<b>Tattoo ink</b>				
2251012	Aerobic bacteria in tattoo ink	<input type="checkbox"/> aerobic total count [cfu/g]	<b>risk group 1</b>	

[\*] = Sometimes we used more than one method per parameter. The values of the germ contents varies for each material from 10<sup>2</sup> to 10<sup>5</sup> KbE/g or KbE/ml and can be asked before order.

Art. no.	material description	Parameters [*]	risk group	additional information / packaging unit / price:
<b>Disinfectant</b>				on request: <a href="mailto:info@drrr.de">info@drrr.de</a>
2251013	<b>Disinfectant bactericidal activity (EN 13727, EN 1276)</b>	<input type="checkbox"/> bactericidal effect S.aureus conc. 1 [log10 cfu/ml], bactericidal effect S.aureus conc. 2 [log10 cfu/ml], bactericidal effect S.aureus conc. 3 [log10 cfu/ml], bactericidal effect Ps.aeruginosa conc. 1 [log10 cfu/ml], bactericidal effect Ps.aeruginosa conc. 2 [log10 cfu/ml], bactericidal effect Ps.aeruginosa conc. 3 [log10 cfu/ml]		
2251014	<b>Disinfectant levurocidal activity (EN 13624, EN 1650)</b>	<input type="checkbox"/> Levurocidal effect C.albicans conc. 1 [log10 cfu/ml], Levurocidal effect C.albicans conc. 2 [log10 cfu/ml], Levurocidal effect C.albicans conc. 3 [log10 cfu/ml]		
2251015	<b>Disinfectant mycobactericidal activity (EN 14348)</b>	<input type="checkbox"/> mycobactericidal effect M.terrae conc. 1 [log10 cfu/ml], mycobactericidal effect M.terrae conc. 2 [log10 cfu/ml], mycobactericidal effect M.terrae conc. 3 [log10 cfu/ml]		
2251016	<b>Disinfectant sporocidal activity (EN 17126)</b>	<input type="checkbox"/> sporocidal activity B.subtilis [log10 pfu/ml], sporocidal activity B.cereus [log10 pfu/ml]		
2251017	<b>Disinfectant virucidal activity (EN 14476)</b>	<input type="checkbox"/> virucidal activity (Vacciniavirus) [log10 pfu/ml]		

[\*] = Sometimes we used more than one method per parameter. The values of the germ contents varies for each material from 10<sup>2</sup> to 10<sup>5</sup> KbE/g or KbE/ml and can be asked before order.