#### **Proficiency testing**

#### **Features**

The microbiological proficiency testing rounds are characterized by the application of vegetative microorganisms and spores and not lyophylisates. This means that we are exclusively working with

- · living bacteria
- · living yeasts and moulds

in our real matrices.

Matrix reference

and spores

Vegetative microorganisms

#### **Testing with matrix reference**

Through the use of vegetative microorganisms we ensure that the bacteria have an actual matrix reference and the participants can use their own nutrient media and their internal testing method in a real system of matrix and microorganism.

#### Use of mono germ systems

we substantially apply "mono germ systems" which means that only 1 germ or bacterium has to be analyzed in the corresponding proficiency testing. Due to that fact we are able to avoid unrequested negative effects caused by other microorganisms during the analysis and the following evaluation of the results.

#### Statistical evaluation

Take advantage of our statistical evaluation system. The evaluation of the proficiency testing is based on the highest scientific and statistical level. Therefore the participating laboratories have a very precise feedback on their actual performance.

#### **Laboratory Measurement**

By using our market-leading statistical evaluation, additional information such as laboratory uncertainty and various scattering of each laboraotires can be presented.

Mono germ systems

**Evaluation** 

Market-leading statistical evaluation

For your registration we recommend to use our online catalogue (ODIN) or the registration forms on our homepage (<u>www.DRRR.de</u>). You can also use the registration forms on page 30 of this catalogue.

#### milk and cream

Art. No.	Proficiency testing type [A]	requested parameters	period	To view pricing information visit our online Portal:
2010013	E.coli milk 1 risk group 1, frozen	E.coli, total count quantitative (2 samples milk)	May-24	Login or register
2010463	E.coli milk 2 risk group 1, frozen	E.coli, total count quantitative (2 samples milk)	Nov-24	
2010033	Enterobact. milk 1 risk group 1, frozen	Enterobacteriaceae, total count quantitative (2 samples milk)	May-24	
2010465	Enterobact. milk 2 risk group 1, frozen	Enterobacteriaceae, total count quantitative (2 samples milk)	Nov-24	
2010089	Campylobacter spp. milk risk group 2, frozen	Campylobacter spp. qualitative (3 samples milk)	May-24	
2010467	aerobic spores milk risk group 1, frozen	aerobic mesophilic spores, total count quantitative (2 samples milk)	May-24	
2010546	psychrotrophic bacteria milk risk group 1, frozen	psychrotrophic total count (7°C), psychrotrophic total count (21°C) quantitative (2 samples milk)	Nov-24	
2010604	EHEC O157 milk risk grup 3**, frozen	EHEC O157 qualitative (3 samples milk)	Jul-24	
2010606	EHEC O104 milk risk grup 3**, frozen	EHEC O104 qualitative (3 samples milk)	Jul-24	
2010608	EHEC Screening milk risk grup 3**, frozen	at least 1 of the EHEC strain O26, O103, O111, O145, O157, O104, O121 and O118 (3 samples milk)	Jul-24	
2010612	total count in milk 1 risk group 1, frozen	aerobic total count (2 samples milk)	May-24	
2010614	total count in milk 2 risk group 1, frozen	aerobic total count (2 samples milk)	Nov-24	
2010926	Geotrichum spp. in milk (lactic mould) risk group 1, frozen	Geotrichum spp., aerobic total count (2 samples milk)	Nov-24	
2010924	yeasts in milk risk group 1, frozen	yeasts, aerobic total count (2 samples milk)	Aug-24	
2010944	norovirus milk risk group 2, frozen	determination of norovirus qualitative (3 samples)	Aug-24	

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### other milk products

Art. No.	Proficiency testing type [A]	requested parameters	period	To view pricing information visit our online Portal:
2010317	characteristic microorganisms yoghurt risk group 1	Lactobacillus bulgaricus, Streptococcus thermophilus (2 samples à 10g yoghurt)	May-24	Login or register

#### cheese

Art. No.	Proficiency testing type [A]	requested parameters	period
2010111	E.coli cheese risk group 1, frozen	E.coli, total count quantitative (2 samples cheese, 2 samples reference solution)	Jul-24
2010176	yeasts cheese risk group 1, frozen	Yeasts, total count quantitative (2 samples cheese)	May-24
2010178	moulds cheese risk group 1, frozen	Moulds, total count quantitative (2 samples cheese)	May-24
2010137	Listeria cheese risk group 2, frozen	Listeria monocytogenes qualitative (3 samples cheese)	Aug-24
2010469	coagulase-positive Staphylococcus cheese risk group 2, frozen	coagulase-positive Staphylococcus, total count quantitative (2 samples cheese)	Jul-24
2010471	Enterobact. cheese risk group 1, frozen	Enterobacteriaceae, total count quantitative (2 samples cheese, 2 samples reference solution)	Jul-24
2010156	Bacillus cereus processed cheese risk group 2, frozen	Bacillus Cereus, total count quantitative (2 samples processed cheese)	May-24

#### ice-cream

Art. No.	Proficiency testing type [A]	requested parameters	period
12010548	Enterobact. ice-cream risk group 1, frozen	Enterobacteriaceae, total count quantitative (2 samples ice-cream, 2 samples reference solution)	Jul-24
70.10550	Salmonella spp. ice-cream risk group 2, frozen	Salmonella spp. qualitative (3 samples ice-cream)	Jul-24
12010552	E.coli ice-cream risk group 1, frozen	E.coli, total count quantitative (2 samples ice-cream, 2 samples reference solution)	Jul-24
2010554	L.monocytogenes ice-cream risk group 2, frozen	Listeria monocytogenes qualitative (3 samples ice-cream)	Jul-24

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### milk powder

Art. No.	Proficiency testing type [A]	requested parameters	period	To view pricing information visit our online Portal:
2010160	Coliforme bact. milk powder risk group 1, frozen	Coliforme total count, aerobic total count quantitative (2 samples milk powder)	May-24	Login or register
2010063	yeasts milk powder 1	yeasts, total count quantitative	Jan-24	
2010000	risk group 1, frozen	(2 samples milk powder)	Jan-25	
2010473	yeasts milk powder 2 risk group 1, frozen	yeasts, total count quantitative (2 samples milk powder)	Sep-24	
2010065	moulds milk powder 1	moulds, total count quantitative	Feb-24	
2010000	risk group 1, frozen	(2 samples milk powder)	Feb-25	
2010475	moulds milk powder 2 risk group 1, frozen	moulds, total count quantitative (2 samples milk powder)	Nov-24	
2010477	Enterobact. milk powder	Enterobacteriaceae, total count quantitative	Jan-24	
2010411	risk group 1, frozen	(2 samples milk powder, 2 samples reference solution)	Jan-25	
2010479	E.coli milk powder	E.coli, total count quantitative (2 samples milk powder, 2 samples reference	Jan-24	
	risk group 1, frozen	solution)	Jan-25	
2010481	lactobacillus milk powder risk group 1, frozen	lactobacillus, total count quantitative (2 samples milk powder)	Nov-24	
2010483	Shigella spp. milk powder risk group 2, frozen	Shigella spp. qualitative (3 samples milk powder)	May-24	
2010095	Enterococcus milk powder risk group 1, frozen	Enterococcus, total count quantitative (2 samples milk powder)	Apr-24	
2010057	Clostridia milk powder risk group 2, frozen	sulfite-reducing Clostridia, anaerobic, mesophilic, sulfite-reducing spores, anaerobic total count, C.perfringens quantitative (2 samples milk powder)	Jun-24	
2010940	Clostridia milk powder qualitative risk group 2, frozen	sulfit-reducing Clostridia (SRC) qualitative (3 samples milk powder)	Jun-24	
2010109	Bacillus cereus milk powder risk group 2, frozen	Bacillus Cereus, total count quantitative (2 samples milk powder)	May-24	
2010932	Bacillus cereus milk powder qualitative risk group 2, frozen	B.cereus qualitative (3 samples milk powder)	May-24	

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# milk powder

Art. No.	Proficiency testing type <sup>[A]</sup>	requested parameters	period	To view pricing information visit our online Portal:
2010081	Cronobacter spp. milk powder	Cronobacter spp. (= Enterobacter Sakazakii) qualitative	Mar-24	Login or register
2010001	risk group 2, frozen	(3 samples milk powder)	Mar-25	
2010148	Salmonella spp. milk powder	Salmonella spp. qualitative	Mar-24	
2010140	risk group 2, frozen	(3 samples milk powder)	Mar-25	
2010485	Salmonella spp. milk powder 2 risk group 2, frozen	Salmonella spp. qualitative (3 samples milk powder)	Nov-24	
2010083	coagulase-positive	coagulase-positive Staphylococcus, total	Mar-24	
2010083	Staphylococcus milk powder risk group 2, frozen	count quantitative (2 samples milk powder)	Mar-25	
2010930	coagulase-positive Staphylococcus milk powder	coagulase-positive Staphylococcus qualitative	Mar-24	
2010930	qualitative risk group 2, frozen	(3 samples milk powder)	Mar-25	
2040050	Listeria milk powder 1	Listeria monocytogenes quantitative and qualitative, total count	Jan-24	
2010059	risk group 2, frozen	(3 samples for qualitative testing, 2 samples for quantitative testing)	Jan-25	
2010153	Listeria milk powder 2 risk group 2, frozen	Listeria monocytogenes quantitative and qualitative, total count (3 samples for qualitative testing, 2 samples for quantitative testing)	Aug-24	
2010534	thermophilic bacteria (55 °C) milk powder risk group 1, frozen	thermophilic aerobic total count (55 °C, vegetative), thermalresistant Spores of thermophilic bacteria (2 samples milk powder)	Sep-24	
2010934	anaerobic, mesophilic spores milk powder risk group 2, frozen	anaerobic, mesophilic spores milk powder total count quantitative (2 samples milk powder)	Sep-24	
2010938	Pseudomonas spp. milk powder qualitative risk group 1, frozen	Pseudomonas spp. qualitative (3 samples milk powder)	Jun-24	

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#### fruit and vegetables products

Art. No.	Proficiency testing type [A]	requested parameters	period	To view pricing information visit our online Portal:
2010043	yeasts fruit preparation risk group 1, frozen	yeasts quantitative and qualitative (3 samples for qualitative testing, 2 samples for quantitative testing)	Aug-24	Login or register
2010101	moulds fruit preparation risk group 1, frozen	moulds quantitative and qualitative (3 samples for qualitative testing, 2 samples for quantitative testing)	Aug-24	
2010487	Listeria vegetables qualitative risk group 2, frozen	Listeria monocytogenes qualitative (3 samples vegetables)	Aug-24	
2010489	Listeria vegetables quantitative risk group 2, frozen	Listeria monocytogenes, total count quantitative (2 samples vegetables)	Aug-24	
2010536	osmophilic yeasts sugar solution risk group 1, frozen	osmophilic yeasts, total count quantitative (2 samples sugar solution)	Apr-24	
2010538	osmophilic moulds sugar solution risk group 1, frozen	osmophilic moulds, total count quantitative (2 samples sugar solution)	Apr-24	
2010563	yeasts dates risk group 1, frozen	yeasts, aerobic total count quantitative (2 Psamples dates)	Apr-24	
2010565	moulds dates risk group 1, frozen	moulds, aerobic total count quantitative (2 Psamples dates)	Apr-24	

#### egg products

Art. No.	Proficiency testing type [A]	requested parameters	period
2010495	Enterobact. egg products risk group 1, frozen	Enterobacteriaceae, total count quantitative (2 samples egg product, 2 samples reference solution)	Dec-24
2010497	Salmonella spp. mayonnaise risk group 2, frozen	Salmonella spp. qualitative (3 samples mayonaise)	Dec-24
2010530	Salmonella spp. egg products risk group 2, frozen	Salmonella spp. qualitative (3 samples egg products)	Dec-24
2010532	E.coli egg products risk group 1, frozen	E.coli, total count quantitative (2 samples egg product, 2 samples reference solution)	Dec-24

For your registration we recommend to use our online catalogue (ODIN) or the registration forms on our homepage (www.DRRR.de). You can also use the registration forms on page 30 of this catalogue.

#### non-alcoholic beverages

Art. No.	Proficiency testing type [A]	requested parameters	period	To view pricing information visit our online Portal:
2010097	E.coli fruit juice risk group 1, frozen	E.coli, total count quantitative (2 samples fruit juice)	Apr-24	Login or register
2010199	spoiling agents in fruit juice concentrate & compounds 1 risk group 1, frozen	1 microorganism out of 3 different classes: Lactobacillus, yeasts and acid-tolerant bacteria (3 samples for qualitative testing, 2 samples for quantitative testing)	Apr-24	
2010491	spoiling agents in fruit juice concentrate & compounds 2 risk group 1, frozen	1 microorganism out of 3 different classes: acid-tolerant bacilli, moulds, yeasts (3 samples for qualitative testing, 2 samples for quantitative testing)	Nov-24	
2010493	Alicyclobacillus spp. fruit juice concentrate & compounds risk group 1, frozen	Alicyclobacillus spp. qualitative (3 samples fruit juice concentrate and beverage compounds)	Oct-24	
2010544	Salmonella spp. Tee risk group 2, frozen	Salmonella spp. qualitative (3 samples tea)	Nov-24	
2010592	yeasts fruit juice concentrate risk group 1, frozen	yeasts, total count quantitative (2 samples fruit juice concentrate)	Apr-24	
2010594	moulds fruit juice concentrate	moulds, total count quantitative (2 samples fruit juice concentrate)	Apr-24	
2010596	lactobacillus fruit juice risk group 1, frozen	lactobacillus, total count quantitative (2 samples fruit juice concentrate)	Apr-24	
2010598	acetic acid bacteria fruit juice concentrate risk group 1, frozen	acetic acid bacteria (acid tolerant, gram- negative bacteria), total count quantitative (2 samples fruit juice concentrate)	Apr-24	
2010946	E.coli coffee risk group 1, frozen	E.coli, total count (2 samples coffee)	Aug-24	
2010948	Coliforme bacteria coffee risk group 1, frozen	coliforme bacteria, total count (2 samples coffee)	Aug-24	

### alcoholic beverages

Art. No.	Proficiency testing type [A]	requested parameters	period
	Dekkera bruxellensis wine qualitative risk group 1, frozen	Dekkera bruxellensis qualitative (3 samples)	Aug-24
	Dekkera bruxellensis beer qualitative risk group 1, frozen	Dekkera bruxellensis qualitative (3 samples)	Aug-24

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## meat products

Art. No.	Proficiency testing type <sup>[A]</sup>	requested parameters	period	To view pricing information visit our online Portal:
2010035	E.coli ground meat 1	E.coli, total count quantitative	Mar-24	Login or register
2010033	risk group 1, frozen	(2 samples ground meat, 2 samples reference solution)	Mar-25	
2010499	E.coli ground meat 2 risk group 1, frozen	E.coli, total count quantitative (2 samples ground meat, 2 samples reference solution)	Nov-24	
2010039	Enterobact. ground meat 1	Enterobacteriaceae, total count quantitative	Mar-24	
	risk group 1, frozen	(2 samples ground meat, 2 samples reference solution)	Mar-25	
2010501	Enterobact. ground meat 2 risk group 1, frozen	Enterobacteriaceae, total count quantitative (2 samples ground meat, 2 samples reference solution)	Nov-24	
2010142	coagulase-positive	coagulase-positive Staphylococcus, total	Mar-24	
2010142	Staphylococcus ground meat risk group 2, frozen	(2 samples ground, meat)	Mar-25	
2010140	Salmonella spp. ground meat	Salmonella spp. qualitative	Mar-24	
2010140	Trisk group 2, frozen	(3 samples ground meat)	Mar-25	
2010503	Salmonella spp. ground meat 2 risk group 2, frozen	Salmonella spp. qualitative (3 samples ground meat)	Nov-24	
2010174	Pseudomonas spp. ground meat risk group 2, frozen	Pseudomonas spp., total count quantitative (2 samples ground meat)	Jun-24	
2010151	Listeria ground meat	Listeria monocytogenes qualitative	Mar-24	
2010131	qualitative 1 risk group 2, frozen	(3 samples ground meat)	Mar-25	
2010505	Listeria ground meat qualitative 2 risk group 2, frozen	Listeria monocytogenes qualitative (3 samples ground meat)	Aug-24	
2010507	Listeria ground meat quantitative risk group 2, frozen	Listeria monocytogenes, total count quantitative (2 samples ground meat)	Aug-24	
2010212	lactobacillus ground meat	lactobacillus, total count quantitative	Mar-24	
2010212	risk group 1, frozen	(2 samples ground meat)	Mar-25	
2010146	Campylobacter spp. poultry meat risk group 2, frozen	Campylobacter spp. qualitative (3 samples poultry)	May-24	
2010936	Coliforme bacteria ground meat risk group 1. frozen	coliforme bacteria, total count quantitative (2 samples ground meat)	Aug-24	
2010942	Clostridia ground meat risk group 2, frozen	sulfit-reducing Clostridia (SRC), anaerobic total count, sulfit-reducing spores, C.perfringens quantitative (2 samples ground meat)	Jun-24	
2010277	Brochothrix thermosphacta ground meat qualitataive risk group 1, frozen	Brochothrix thermosphacta qualitative (3 samples	Aug-24	

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#### fish and seafood

Art. No.	Proficiency testing type [A]	requested parameters	period	To view pricing information visit our online Portal:
2010509	Yersinia enterocolitica seafood risk group 2, frozen	Yersinia enterocolitica qualitative (3 samples seafood)	May-24	Login or register
2010511	pathogenic Vibrio spp. seafood risk group 2, frozen	pathogenic Vibrio spp. qualitative (3 samples seafood)	May-24	
2010540	Salmonella spp. seafood risk group 2, frozen	Salmonella spp. qualitative (3 samples seafood)	May-24	

#### infant formula

Art. No.	Proficiency testing type [A]	requested parameters	period
2010521	infant food variation 1 risk group 2	minimum 1 out of variable parameters quantitative: SRC, yeasts, moulds, TVC 30°C; minimum 1 out of variable parameters qualitative: and Salmonella spp., Cronobacter spp. and Enterobacteriaceae (3-6 samples baby food)	Aug-24
2010182	Bifidobacteria infant food risk group 1	Bifidobacteria quantitative (2 samples baby food)	Jul-24
2010117	identification of germs infant food risk group 1/2	variable germs (1-3 samples baby food)	Aug-24
2010273	Enterobacteriaceae infant formula (powder) qualitative risk group 1	Enterobacteriaceae qualitative (3 samples)	Aug-24

## animal feed

Art. No.	Proficiency testing type [A]	requested parameters	period	
2010188	Clostridia animal feed risk group 2, frozen	sulfite-reducing Clostridia (vegetative), lactobacilli, anaerobic mesophilic sulfite- reducing spores, anaerobic mesophilic total spores quantitative (2 samples animal feed)	Aug-24	
17010319	Salmonella spp. animal feed risk group 2, frozen	Salmonella spp. qualitative (3 samples animal feed)	Dec-24	

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#### other food matrices

Art. No.	Proficiency testing type [A]	requested parameters	period	To view pricing information visit our online Portal:
2010144	Salmonella spp. chocolate	Salmonella spp. qualitative	Mar-24	Login or register
2010144	risk group 2, frozen	(3 samples chocolate)	Mar-25	
2010513	Listeria convenience products risk group 2, frozen	Listeria monocytogenes qualitative (3 samples prepared meal)	Aug-24	
2010515	Salmonella spp. spice powder risk group 2, frozen	Salmonella spp. qualitative (3 samples spice powder)	Dec-24	
2010542	Salmonella spp. herbage risk group 2, frozen	Salmonella spp. qualitative (3 samples herbage)	Dec-24	

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#### **Consumer goods in food contact:**

## films / synthetic leather

Art. No.	Proficiency testing type [A]	requested parameters	period	To view pricing information visit our online Portal:
2010119	moulds plastic surface risk group 1	determination of surface bacteria count moulds quantitative (2 samples á 2 foil samples)	Sep-24	Login or register
2010191	aerobic total count plastic surface risk group 1	determination of surface bacteria count aerobic total count quantitative (2 samples á 2 foil samples)	Sep-24	

#### paper / board

Art. No.	Proficiency testing type [A]	requested parameters	period	
170110.557	spore-forming bacteria board risk group 1	determination of spores of aerobic spore- forming bacteria quantitative (2-4 samples)	Nov-24	
2010279	Paper - transition of antimicrobial components (EN 1104)	Determination of transition of antimicrobial components (EN 1104; inhinbition zone test) (3 samples)	Nov-24	

## glass / canning

Art. No.	Proficiency testing type [A]	requested parameters	period	
	mesophilic sterility testing tinned food risk group 1, frozen	mesophilic germ load (products with low acidity (pH > 4,5)) (3 samples tinned food)	Sep-24	
2010928	thermophilic sterility testing tinned food risk group 1, frozen	thermophilic germ load (55°C) (products with low acidity (pH > 4,5)) (3 samples tinned food)	Sep-24	
2010950	anaerobic mesophilic spores tinned food risk group 2, frozen	anaerobic, mesophilic spores qualitative (3 samples tinned food)	Sep-24	

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#### **Consumer goods in body contact:**

#### cosmetics

Art. No.	Proficiency testing type [A]	requested parameters	period	To view pricing information visit our online Portal:
2010071	aerobic bacteria O/W-emulsion risk group 2, frozen	aerobic bacteria quantitative (2 samples O/W-emulsion)	Oct-24	Login or register
2010079	moulds O/W-emulsion risk group 1, frozen	moulds quantitative (2 samples O/W-emulsion)	Oct-24	
2010077	identification of germs O/W-emulsion risk group 2, frozen	Identification of variable germs qualitative (3 samples O/W-emulsion)	Oct-24	
2010356	S.aureus (ATCC 6538) O/W-emulsion risk group 2, frozen	S.aureus qualitative (3 samples O/W-emulsion)	Oct-24	
2010358	E.coli (ATCC 8739) O/W-emulsion risk group 2, frozen	E.coli qualitative (3 samples O/W-emulsion)	Oct-24	
2010360	C.albicans (ATCC 10231) O/W-emulsion risk group 2, frozen	C.albicans qualitative (3 samples O/W-emulsion)	Oct-24	
2010362	Ps.aeruginosa (ATCC 9027) O/W-emulsion risk group 2, frozen	Ps.aeruginosa qualitative (3 samples O/W-emulsion)	Oct-24	
For the following	lowing proficiency testing sc	heme you can not enter your results	online:	
2010085	challenge test O/W-emulsion risk group 2, cooled	challenge test (determination after 0, 2, 7, 14 and 28 days of all 5 relevant microorganism) (5 samples O/W-emulsion)	Apr-24	

#### tattoo ink

Art. No.	Proficiency testing type [A]	requested parameters	period	
2010354	aerobic bacteria in tattoo ink quantitative risk group 1, frozen	aerobic total count quantitative (2 samples tattoo ink)	Oct-24	

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#### **Consumer goods in body contact:**

#### textiles

Art. No.	Proficiency testing type [A]	requested parameters	period	To view pricing information visit our online Portal:
2010076	Antimicrobial Fabric Test textiles - AATCC 100	anitbacterial activity quantiative method (1 - 2 textile samples)	May-24	Login or register
2010078	Antibacterial Parallel Streak textiles - AATCC 147	anitbacterial activity qualitative method (Size of the inhibition zones [mm]) (1 - 3 textile samples)	May-24	
2010080	Antibacterial Activity textiles - ISO 20743	- Staphylococcus aureus - Klebsiella pneumoniae anitbacterial activity quantitative using absorption method (incl. plate count procedure) (2 textile samples)	May-24	
2010082	4-field test - microbial reduction textiles EN 16615	anitbacterial activity levurocidal activity quantiative method (1 - 2 textile samples)	May-24	
2011104	Antibacterial Activity textiles - AATCC 90	Antibacterial effect qualitative method (size of inhibition zomes [mm]) (3 textile samples)	May-24	

## plastics - surfaces

Art. No.	Proficiency testing type <sup>[A]</sup>	requested parameters	period	
2010623	Antibacterial activity plastics - ISO 22196	Measurement of antibacterial activity on plastic surfaces	May-24	

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#### drinking water

Art. No.	Proficiency testing type [A]	requested parameters	period	To view pricing information visit our online Portal:
2010654	E.coli / Coliforme bacteria drinking water risk group 1	E.coli / Coliforme bacteria quantitative (2 samples and corresponding matrix)	Apr-24	Login or register
2010656	aerobic total count drinking water risk group 1	total count at 22 °C, aerobic total count at 36 °C  (2 samples and corresponding matrix)	Apr-24	
2010658	Enterococcus drinking water quantitative risk group 1/2	Enterococcus quantitative (2 samples and corresponding matrix)	Apr-24	
2010660	Ps.aeruginosa drinking water	Ps.aeruginosa quantitative (2 samples and corresponding matrix)	Jul-24	
2010662	identification of germs drinking water risk group 2	identification of variable micro organisms quantitative (samples (positive or negative) and corresponding matrix)	Apr-24	
2010114	Legionella spp. drinking water risk group 2	Legionella spp. quantitative (2 samples (positive or negative) and corresponding matrix)	Sep-24	

#### surface- and waste water

Art. No.	Proficiency testing type [A]	requested parameters	period	
2010670	E.coli / Coliforme bacteria surface- and waste water risk group 1	E.coli / Coliforme bacteria quantitative (2 samples and corresponding matrix)	Apr-24	
2010672	Enterococcus surface- and waste water risk group 1/2	Enterococcus quantitative (2 samples and corresponding matrix)	Apr-24	

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#### recooling water

Art. No.	Proficiency testing type <sup>[A]</sup>	requested parameters	period	To view pricing information visit our online Portal:
2010958	Legionella recooling water risk group 2	Legionella quantitative (2 lyophilised samples and water)	Sep-24	Login or register
2010960	Pseudomonas aeruginosa recooling water	Pseudomonas aeruginosa quantitative (2 lyophilised samples and water)	Jul-24	
2010962	total count recooling water	total count quantitative (2 lyophilised samples and water)	Jul-24	

#### mineral water and table water

Art. No.	Proficiency testing type [A]	requested parameters	period
2010674	aerobic total count mineral water and table water risk group 1	aerobic total count at 20 °C, aerobic total count at 37 °C quantitative (2 samples and corresponding matrix)	Apr-24
2010676	streptococci (faecal) mineral water and table water risk group 2	streptococci (faecal) mineral water and table water qualitative (3 samples and corresponding matrix)	Oct-24
2010680	Pseudomonas aeruginosa mineral water and table water risk group 2	Pseudomonas aeruginosa qualitative (3 samples and corresponding matrix)	Oct-24
2010952	sulfite-reducing, spore- forming anaerobes mineral water risk group 2	anaerobic, sulfit-reducing spores qualitative (3 samples and water)	Aug-24
2010134	Coliforme bacteria mineral water and table water risk group 1	Coliforme bacteria qualitative (3 samples and water)	Oct-24
2010138	E.coli mineral water and table water	E.coli qualitative (3 samples and water)	Oct-24

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#### disinfectant

Art. No.	Proficiency testing type [A]	requested parameters	period	To view pricing information visit our online Portal:
2010686	bactericidal activity (phase 2 / step 1-test)	quantitative suspension test S.aureus (ATCC 6538), Ps.aeruginosa (ATCC 15442) test conditions: (a) 20 °C (b) 5, 15, 30 and 60 minutes (c) with and without organic load	Jun-24	<u>Login or register</u>
2010688	fungicidal / yeasticidal activity (phase 2 / step 1-test)	quantitative suspension test Aspergillus niger (ATCC 16404), Candida albicans (ATCC 10231) test conditions: (a) 20 °C (b) 5, 15, 30 and 60 minutes (c) with and without organic load	Jun-24	
2010690	mycobactericidal, tuberculocidal activity (phase 2 step 1)	quantitative suspension test Mycobacterium terrae (ATCC 15769), Mycobacterium avium (ATCC 15755) test conditions: (a) 20 °C (b) 5, 15, 30 and 60 minutes (c) with and without organic load	Jun-24	
2010692	sporicidal activity (phase 1-test)	quantitative suspension test Bacillus subtilus-Spores (ATCC 6633) test conditions: (a) 20 °C (b) 30, 30 and 120 minutes	Jun-24	
2010694	virucidal activity (chem. disinfectant, phase 2 step 1)	quantitative suspension test Poliovirus (type 1), Adenovirus (type 5) test conditions: (a) 20 °C (b) 5, 15, 30 and 60 minutes (c) with and without organic load	Jun-24	

For your registration we recommend to use our online catalogue (ODIN) or the registration forms on our homepage (www.DRRR.de). You can also use the registration forms on page 30 of this catalogue.

#### medical devices

Art. No.	Proficiency testing type [A]	requested parameters	period	To view pricing information visit our online Portal:
2010696	testing of sterilization of medical devices 1 (ISO 11737-1) risk group 1	aerobic total count quantitative (2 transparent bags)	Jun-24	Login or register
2010964	testing of sterilization of medical devices 2 (ISO 11737-1) risk group 1	yeasts quantitative (2 samples)	Jun-24	
2010966	testing of sterilization of medical devices 3 (ISO 11737-1) risk group 1	moulds quantitative (2 samples)	Jun-24	
2010968	testing of sterilization of medical devices 4 (ISO 11737-1) risk group 1	aerobic spores quantitative (2 samples)	Jun-24	
2011171	testing of sterilization of medical devices 5 (ISO 11737-1) risk group 2	anaerobic spores quantitative (2 transparent bags)	Jun-24	
2010281	Tests for in vitro cytotoxicity (ISO 10993-5)	Tests for in vitro cytotoxicity (ISO 10993-5) (3 samples)	Nov-24	
2010283	Microbial barrier testing of packaging materials	Testing the germ tightness of packaging materials (2 samples)	Nov-24	
2010657	Identification of microorganisms using MALDI-ToF	Identification of microorganisms using MALDI-ToF (1 sample)	Nov-24	
2010321	Test method Medical face masks (EN 14683)	Bacterial filter efficiency and pressure difference (1 sample á 12 face masks)	May-24	
2010567	microbiological analysis of endoscopes risk group 2	Germ identification on rinse water (3 samples)	Oct-24	

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### other building materials

Art. No.	Proficiency testing type [A]	requested parameters	period	To view pricing information visit our online Portal:
2010682	moulds (contact samples) risk group 2	moulds quantitative (2 samples building material)	Apr-24	Login or register
2010684	moulds (material samples)	moulds qualitative (3 samples building material)	Apr-24	

#### indoor air

Art. No.	Proficiency testing type [A]	requested parameters	period	
12010954	moulds indoor air	moulds quantitative (2 samples gel filter)	Jul-24	
2010956	yeasts indoor air risk group 1	yeasts quantitative (2 samples gel filter)	Jul-24	

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#### parasites

Art. No.	Proficiency testing type [A]	requested parameters	period	To view pricing information visit our online Portal:
2010285	cryptosporidia risk group 1	<b>Detection by ELISA</b> (1-3 SAF tubes)	Jun-24	Login or register
2010287	trypanosoma risk group 1	Microscopic detection (1-3 slide preparations)	Jun-24	
2010289	Plasmodium falciparum	Microscopic detection (1-3 slide preparations)	Jun-24	
2010291	ectoparasites risk group 1	Microscopic identification (1-3 slide preparations)	Jun-24	
2010293	Parasites (general)	Microscopic identification (1-3 slide preparations)	Jun-24	

### simulated microbiological evaluation

Art. No.	Proficiency testing type [A]	requested parameters	period
2011198	Simulated evaluation aerobic total count	colony counting (2 photo sets), Calculation of germ load (raw data table)	Jul-24
2011199	Simulated evaluation aerobic spore-forming bacteria	colony counting (2 photo sets), Calculation of germ load (raw data table)	Jul-24
2011200	Simulated evaluation yeasts	colony counting (2 photo sets), Calculation of germ load (raw data table)	Jul-24
2011201	Simulated evaluation mould	colony counting (2 photo sets), Calculation of germ load (raw data table)	Jul-24
2011202	Simulated evaluation lactic acid bacteria	colony counting (2 photo sets), Calculation of germ load (raw data table)	Jul-24
2011203	Simulated evaluation Sulfite- reducing clostridia	colony counting (2 photo sets), Calculation of germ load (raw data table)	Jul-24
2011204	Simulated evaluation E.coli and Coliforms	colony counting (2 photo sets), Calculation of germ load (raw data table)	Jul-24