Features

The inspectors of the DRRR-team are represent in different national and international committees and working groups. Thus we ensure that the DRRR quality assurance systems are available for new and up-to-date questions in all cases, if the laboratories start to establish the routine method. Due to the intensive professional exchange in the committees, it is ensured that the proficiency testing design is conformed to the new developments and the laboratories have the highest possible benefits in a participation in the proficiency testing. national and international committees and working groups

Testing with matrix reference

Whenever possible, real matrices e.g. films, textiles, cardboard and cosmetics are used. This ensures that our proficiency testing schemes have an actual matrix reference and the sample preparation is part of the proficiency testing.

Matrix reference

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.

Evaluation

Market-leading statistical evaluation

chemical-physical proficiency testing

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 28 of this catalogue.

films

12

Art. No.	proficiency testing type ^[A]	requested parameters	period	To view pricing information visit our online Portal:
2010073	overall migration one sided contact EN 1186-5; EN 1186-4	overall migration in food simulating matrix: ethanol 10%; 20%; 50%, acetic acid 3%, distilled water, vegetable oil	Oct-23	Login or register
2010304	overall migration total immersion EN 1186-2; EN 1186-3	overall migration in food simulating matrix: ethanol 10%; 20%; 50%, acetic acid 3%, distilled water, vegetable oil	Nov-23	
2010570	overall migration by article filling EN 1186-9	overall migration in food simulating matrix: ethanol 10%; 20%; 50%, acetic acid 3%	Jul-23	
2010572	overall migration	overall migration in food simulating matrix:	Mar-23	
2010372	tests")	ISO-octane, ethanol 95%	Mar-24	
2010574	overall migration at high	overall migration in food simulating matrix:	Mar-23	
2010374	EN 1186-13	olive oil	Mar-24	
0040000	overall Migration from plastic	overall migration by using Tenax (MPPO)	Jan-23	
2010622	EN 1186-13	as a simulant	Jan-24	
2010311	overall migration (pouch) EN 1186-7, EN 1186-6	overall migration in simulants: ethanol 10%, 20%, 50%, acetic acid 3% and vegetable oil	Sep-23	
2011003	overall migration (fatty test food) (substitute test, one- sided contact)	Food simulants: ISO octane, 95% ethanol	Oct-23	
2010075	specific migration (caprolactam) CEN/TS 13130-16	specific migration of caprolactam in food simulating matrix: ethanol 10%; 20%; 50%, acetic acid 3%, distilled water, vegetable oil	Dec-23	
2010306	specific migration (1-octen) EN 13130-26	specific migration of 1-octen in food simulating matrix: ethanol 50%, 95% ,vegetable oil	May-23	
2010308	specific migration (acrylonitrile) EN 13130-3	specific migration of acrylonitrile in food simulating matrix: ethanol 10%, acetic acid 3%, distilled water, olive oil	Aug-23	
2010310	specific migration (terephthalic acid) EN 13130-2	specific migration of terephthalic acid in food simulating matrix: Ethanol 10%; 50%, acetic acid 3%, distilled water, vegetable oil	Aug-23	
2010628	specific migration (melamine)	specific migration of melamin in food simulating matrix: ethanol 10%, acetic acid 3%, distilled water, vegetable oil	Aug-23	

chemical-physical proficiency testing

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 28 of this catalogue.

films

Art. No.	proficiency testing type ^[A]	requested parameters	period	To view pricing information visit our online Portal:
0040000	specific migration (vinyl	specific migration of vinyl acetate in food simulating matrix:	Mar-23	Login or register
2010630	acetate) CEN/TS 13130-9	ethanol 10%, acetic acid 3%, distilled water, olive oil	Mar-24	
2010251	specific migration (acrylonitrile trimers)	acrylonitrile trimers	Aug-23	
2010401	specific migration (primary aromatic amines) 1	CAS 95-53-4 (o-toluidine), CAS 92-87-5 (benzidine), CAS 62-53-3 (aniline) and CAS 91-94-1 (3,3'-dichlorobenzidine) in simulant distilled water, 3% acetic acid, CAS 101-77- 9 (4,4'-Methylenedianiline)	May-23	
2010403	specific migration (primary aromatic amines) 2	CAS 90-04-0 (2-methoxyaniline), CAS 106- 47-8 (4-chloroaniline), CAS 91-59-8 (2- napthylamine) and CAS 119-93-7 (3,3'- dimethylbenzidine) in simulant 10% ethanol and 15% ethanol	May-23	
2010464	specific migration metals part 1	specific migration of antimony, arsenic, cadmium in simulant acetic acid 3%, water	Okt. 23	
2010466	specific migration metals part 2	specific migration of total chromium, lead, iron in simulant acetic acid 3%, water	Okt. 23	
2010115	identification of film material: mono-layer plastic film	qualitative identification of mono films	Sep-23	
2010167	identification of different PA	o a DA6 DA66 DA11 DA12	Mar-23	
2010107	types	6.9. FA0, FA0.0, FATT, FAT2	Mar-24	
2010210	identification of plastic	qualitative determination of plastic	Mar-23	
	granules	granules	Mar-24	
2010312	identification of film material:	qualitative identification of multi-layer	Mar-23	
	multi-layer plastic films	mms	Mar-24	
2010963	Identification of microplastic	qualitative determination of microplastics	Mar-23	
			Mar-24	
2010965	Elemental determination in plastics by X-ray fluorescence analysis (XRF)	Determination of various elements, e.g. nickel, copper, zinc, lead	Sep-23	
2010220	testing of ethylene glycol in food simulating matrix EN 13130-7	ethylene glycol in food simulating matrix: ethanol 10%; 20%; 50%, acetic acid 3%, distilled water, vegetable oil	Jun-23	
2010222	testing of di-ethylene glycol in food simulating matrix EN 13130-7	di-ethylene glycol in food simulating matrix: ethanol 10%; 20%; 50%, acetic acid 3%, distilled water, vegetable oil	Jun-23	
2010578	testing of Bisphenol A in food simulating matrix	testing of Bisphenol A in food simulating matrix: distilled water, acetic acid 3%, ethanol 10%	Sep-23	

chemical-physical proficiency testing

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 28 of this catalogue.

films

Art. No.	proficiency testing type ^[A]	requested parameters	period	To view pricing information visit our online Portal:
2010580	testing of formaldehyde in food simulating matrix CEN /TS 13130-23	testing of formaldehyde in food simulating matrix: distilled water, acetic acid 3%, ethanol 10%, vegetable oil	Aug-23	Login or register
2010632	testing of acrylamide in food simulating matrix CEN/TS 13130-10	testing of acrylamide in food simulating matrix: ethanol 10%, acetic acid 3%, distilled water, olive oil	Jun-23	
2011101	testing of ethylenediamine in food simulating matrix	ethanol 10 %, distilled water, acetid acid 3 %, vegetable oil	Oct-23	
2011102	testing of hexamethylenediamine in food simulating matrix	ethanol 10 %, distilled water, acetid acid 3 %, vegetable oil	Oct-23	
2010322	determination of overall migrat on synthetic samples	determination of overall migrat in simulating matrix: ethanol 10%; 20%; 50%, acetic acid 3%, distilled water	Jul-23	
2010582	determination of the phthalate content in consumer goods	DBP, BBP, DEHP, DNOP, DINP, DIDP, DEP, DMP	Oct-23	
2010584	determination of vinylchloride monomer in synthetic sample	vinyl chloride monomer	Oct-23	
2010634	acetaldehyde in mineral water	acetaldehyde	Jul-23	
2010576	determination of overall migration potential by rapid extraction	overall migration in food simulating matrix: ISO-octane, ethanol 95%	Apr-23	
2010636	determination of bisphenol A content in plastics	bisphenol A monomer	Apr-23	
2010638	determination of 1,3 butadiene content in plastics	1,3 butadiene monomer	May-23	
2010307	styrol oligomers in synthetic samples	CAS 1081-75-0 (1,3-Diphenylpropane), CAS 16606-47-6 (2,4-Diphenyl-1-butene), CAS 20071-09-4 (trans-1,2- Diphenylcyclobutane), CAS 18964-53-9 (2,4,6-Triphenyl-1-hexene) and CAS 26681- 79-8 (1-Phenyl-4-(1-phenylethyl)-1,2,3,4- tetrahydronaphthalene)	Dec-23	
2010405	determination of the PAH content in plastics	CAS 91-20-3 (naphthalene), CAS 120-12-7 (anthracene), CAS 56-55-3 (benzo(a)anthracene), CAS 218-01-9 (chrysene), CAS 205-99-2 (benzo(b)fluoranthene), CAS 207-08-9 (benzo(k)fluoranthene), CAS 205-82-3 (benzo(j)fluoranthene), CAS 192-97-2 (benzo(e)pyrene), CAS 50-70-3 (benzo(a)pyrene), CAS 53-70-3 (dibenz(ah)anthracene) (at least 5 of the parameters quantitative)	May-23	
2011015	Volatile fractions in silicone	gravimetric determination of the volatile fractions	Jun-23	

paper / board

15

Art. No.	proficiency testing type ^[A]	requested parameters	period	To view pricing information visit our online Portal:
2010318	mineral oil in cardboard	MOSH C10-C16, MOSH C16-C20, MOSH C20-C25, MOSH C25-C35, MOAH C10-C16, MOAH C16-C25, MOAH C25-C35	Nov-23	Login or register
2010180	mineral oil in low-fat and starch-rich foodstuff	MOSH C10-C16, MOSH C16-C20, MOSH C20-C25, MOSH C25-C35, MOSH C35-C40, MOSH C40-C50, MOAH C10-C16, MOAH C16-C25, MOAH C25-C35, MOAH C35-C50	May-23	
2010590	mineral oil in cocoa butter and chocolate	MOSH C10-C16, MOSH C16-C20, MOSH C20-C25, MOSH C25-C35, MOSH C35-C40, MOSH C40-C50, MOAH C10-C16, MOAH C16-C25, MOAH C25-C35, MOAH C35-C50	Jul-23	
2010245	mineral oil in cheese and milk powder	MOSH C10-C16, MOSH C16-C20, MOSH C20-C25, MOSH C25-C35, MOSH C35-C40, MOSH C40-C50, MOAH C10-C16, MOAH C16-C25, MOAH C25-C35, MOAH C35-C50	Jul-23	
2010320	mineral oil in edible fat and edible oil	MOSH C10-C16, MOSH C16-C20, MOSH C20-C25, MOSH C25-C35, MOSH C35-C40, MOSH C40-C50, MOAH C10-C16, MOAH C16-C25, MOAH C25-C35, MOAH C35-C50	Aug-23	
0040500	migration of mineral oil from	Migration of mineral oil in food simulating	Mar-23	
2010586	cardboard	matrix: Tenax	Mar-24	
2010935	Mineral oil in jute bags	MOSH C10-C16, MOSH C16-C20, MOSH C20-C25, MOSH C25-C35, MOSH C35-C40, MOSH C40-C50, MOAH C10-C16, MOAH C16-C25, MOAH C25-C35, MOAH C35-C50	Aug-23	
2010620	migration from paper and board using MPPO as a simulant EN 14338	overall migration by using Tenax (MPPO) as a simulant	Nov-23	
2010640	pH value in aqueous extract (cold and hot)	pH value	Nov-23	
2010642	formaldehyde in aqueous extract EN 1541	formaldehyde (cold water extract)	Jun-23	
2010644	determination of glyoxal content DIN 54603	glyoxal (cold water extract)	May-23	
2010646	colour fastness of dyed paper and board (EN 646)	testing with distilled water, acetic acid 3%, olive oil, alkali salt solution	May-23	
2010648	colour fastness of fluorescent whitened paper and board (EN 648)	testing with distilled water, acetic acid 3%, olive oil, alkali salt solution	May-23	
2010442	overall migration of paper and cardboard	overall migration in simulant ethanol 95%	Apr-23	

paper / board

16

Art. No.	proficiency testing type ^[A]	requested parameters	period	To view pricing information visit our online Portal:
2010448	specific migration (Benzophenone)	specific migration of benzophenone in simulant ethanol 95%	Apr-23	Login or register
2010711	gravimetric determination of constituents of paper - cardboard	dry content, residue on ignition, ash	May-23	
2010450	determination of the DIPN content in paper - cardboard (EN 14719)	DIPN (Diisopropylnaphthalin)	May-23	
2010452	determination of 1,3-dichloro- 2-propanol and 3- monochloro-1,2-propanediol	1,3-dichloro-2-propanol, 3-monochloro-1,2- propanediol in water extract	Jun-23	
2010454	PCB in paper - cardboard	PCB 52, PCB 101, PCB 138	Jun-23	
2010456	cadmium and lead in aqueous extract (EN 12498)	cadmium, lead	Jul-23	
2010458	determination of acid soluble manganese (ISO 1830)	manganese	Jul-23	
2010460	bisphenol S in thermal paper	Bisphenol S	Aug-23	
2011011	Determination of total chlorine and organically bound chlorine (ISO 11480)	total chlorine, organically bound chlorine	Jul-23	
2011023	Kappa number of pulps (ISO 302)	Kappa number	Jun-23	
2011024	ISO 2528	Sheet materials - Water vapour transmission rate	Oct-23	
2011025	ISO 535	Paper and board - Water absorptiveness (Cobb)	Oct-23	
2011026	ISO 5636-3	Paper and board - Air permeance (Bendtsen)	Oct-23	
2011027	ISO 5636-5	Paper and board - Air permeance (Gurley)	Oct-23	
2011028	ISO 536	Paper and board - Grammage	Oct-23	
2011029	ISO 534	Paper and board - Thickness, density, specific volume	Oct-23	
2011030	ISO 12625-3	Tissue products - Thickness	Oct-23	
2011031	ISO 12625-8	Tissue products - Water-absorption capacity	Oct-23	
2011032	ISO 12625-6	Tissue products - Grammage	Oct-23	
2011099	Aluminium in aqueous extract	aluminium	Aug-23	

textiles

17

Art. No.	proficiency testing type ^[A]	requested parameters	period	To view pricing information visit our online Portal:
2010324	extractable heavy metals in textiles	cadmium, lead, nickel, mercury, chromium	Jul-23	Login or register
2010185	formaldehyde	free and hydrolised formaldehyde	May-23	
2010326	flameretardants	tributyl phosphate (CAS No 126-73-8), o- triskresyl phosphate (CAS No 78-30-8), tris(2-chloroethyl)-phosphate (CAS No 115- 96-8), tris(2-chloro-1-methylethyl)- phosphate (CAS No 13674-84-5)	Dec-23	
2010328	azo dyes qual. and quant.	Qualitative and quantitative determination of aromatic amines derived from azo dyes acc. EN 14362-1. The quantitative determination is not in the Scope of accreditation.	Nov-23	
2010224	aniline in textiles	CAS 62-53-3 (aniline)	May-23	
2010225	2,4-xylidine and 2,6-xylidine in textiles	CAS 95-68-1 (2,4-xylidine), CAS 87-62-7 (2,6- xylidine)	May-23	
2010226	alkylphenols and alkylphenol ethoxylates in textiles	CAS 68412-54-5 (nonylphenol ethoxylate), CAS 9002-93-1 (octylphenol ethoxylate), CAS 84852–15–3 4-(nonylphenol isomer mixture), CAS 140–66–9 (4-tert- octylphenol)	Nov-23	
2010227	chlorophenols in textiles	Tetrachlorophenol-, trichlorophenol-, dichlorophenol-, monochlorophenol- isomers and CAS 87-86-5 (pentachlorophenol)	Nov-23	
2010173	organotin compounds in textiles	CAS 1118-46-3 (monobutyltin trichloride), CAS 3091-25-6 (trichlorooctylstannane), CAS 683-18-1 (dibutyltin dichloride), CAS 3542-36-7 (dioctyltin dichloride), CAS 1461- 22-9 (tributyltin chloride), CAS 639-58-7 (triphenyltin chloride), CAS 3091-32-5 (tricyclohexyltin chloride), CAS 1461-25-2 (tetra-n-butyltin)	Oct-23	
2010175	perfluorinated compounds in textiles	CAS 1763-23-1 (perfluorooctane sulfonic acid)	Oct-23	
2010177	pesticides in textiles	Chlorinated and phosphorus containing pesticides	Sep-23	
2010179	determination of the total metal content in textiles	e.g. tin, cadmium and mercury	Sep-23	

Proficiency Testing for mechanical textile testing can be found in the catalogue "material testing" or the online catalogue: e. g. fabric properties, functional properties, colour fastness, determination of fibre blends, laminated fabrics, personal protective equipment (PPE)

Art. No.	proficiency testing type ^[A]	requested parameters	period	To view pricing information visit our online Portal:
2010181	phthalates in textiles	CAS 28553-12-0 (DINP), CAS 117-81-7 (DEHP), CAS 117-84-0 (DNOP), CAS 26761- 40-0 (DIDP), CAS 85-68-7 (BBP), CAS 84-74- 2 (DBP), CAS 84-69-5 (DIBP), CAS 131-18-0 (DPP), CAS 71888-89-6 (DIHP), CAS 117-82- 8 (DMEP)	Aug-23	<u>Login or register</u>
2010527	PAH in textiles	CAS 91-20-3 (naphthalene), CAS 120-12-7 (anthracene), CAS 56-55-3 (benzo(a)anthracene), CAS 218-01-9 (chrysene), CAS 205-99-2 (benzo(b)fluoranthen), CAS 207-08-9 (benzo(k)fluoranthen), CAS 205-82-3 (benzo(j)fluoranthen), CAS 50-70-3 (benzo(a)pyren), CAS 50-70-3 (benzo(a)pyren), CAS 53-70-3 (dibenz(ah)anthracene) (minimum 5 of the parameters quantitative) A PAH concentration in the samples of approximately 0,1-10 mg/kg per PAH is to be expected.	Aug-23	
2010430	determination of lead release with saliva simulant solution in textiles (EN 16711-3)	lead	May-23	
2010967	Elemental determination in textiles by X-ray fluorescence analysis (XRF)	Determination of various elements, e.g. nickel, copper, zinc, lead	Sep-23	
2011013	extractable dyestuffs in textiles (ISO 16373-2)	Detection of at least 3 extractable dyestuffs	Jun-23	
2011017	Chlorobenzenes and chlorotoluenes in textiles (EN 17137)	At least 4 different substances quantitatively	May-23	

textiles

Proficiency Testing for mechanical textile testing can be found in the catalogue "material testing" or the online catalogue: e. g. fabric properties, functional properties, colour fastness, determination of fibre blends, laminated fabrics, personal protective equipment (PPE)

[A] = For accredited and non-accredited status please see Online portal (ODIN)

tattoo ink

19

Art. No.	proficiency testing type ^[A]	requested parameters	period	To view pricing information visit our online Portal:
2010338	preservatives in tattoo ink	benzisothiazolinone (BIT)	Dec-23	Login or register
2010340	aromatic amins in tattoo ink	aniline, o-Anisidine, o-toluidine, 5-nitro-o- toluidine	Dec-23	
2010560	elements in tattoo ink	tin, zinc, nickel, strontium, antimony, barium, cadmium, cobalt, lead (minimum 4 of the parameters quantitative)	Apr-23	

jewellery

Art. No.	proficiency testing type ^[A]	requested parameters	period	
2010568	jewellery (acc. to EN 1811)	testing for nickel release	Jul-23	
2010969	Lead and cadmium in jewelry	Lead, cadmium	Oct-23	

[A] = For accredited and non-accredited status please see Online portal (ODIN)

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Art. No.	proficiency testing type ^[A]	requested parameters	period	To view pricing information visit our online Portal:
2010330	soap	AOX, EOX	Sep-23	Login or register
2010206	care products	methylparaben, ethylparaben, propylparaben, n-butylparaben, phenoxyethanol, benzoic acid, sorbic acid, methylisothiazolinone, isobutylparaben	Oct-23	
3010015	shampoo, lotion	fat, density, pH-value, dry residue, water content, urea	Aug-23	
2010201	cream, lotion	dexpanthenol, tocopherolacetat, retinolpalmitate	Sep-23	
3010017	dental care	fluoride	Oct-23	
2010332	metals in cosmetics	aluminium, copper, zinc	Apr-23	
2010700	heavy metals in cosmetics	lead, arsenic, antimony, nickel, cobalt, zinc, cadmium	Oct-23	
2010334	quant. determination of UV filters	EHS, BMDM, EHT, PBSA, OC, titanium dioxide	Apr-23	
2010336	PAH in decorative cosmetics	naphthalene, anthracene, benzo(a)anthracene, chrysene, benzo(b)fluoranthen, benzo(k)fluoranthen, benzo(j)fluoranthen, benzo(e)pyren, benzo(a)pyren, dibenz(ah)anthracene (minimum 3 of the parameters quantitative) A PAH concentration in the samples of approximately 0,5-50 mg/kg per PAH is to be expected.	Jul-23	
2010556	tensides in cosmetics	Sodium Laureth Sulfate, Cocamidopropyl	Feb-23	
		Journa (on b), occo-glucoside	Feb-24 Mar-23	
2010558	care products	MOSH C10 - C50, MOAH C10 - C50	Mar-24	
2040050			Mar-23	
201050	anu dandrun substances	pirocton-olamine, zinc pyrithione	Mar-24	

cosmetics

20

Art. No.	proficiency testing type ^[A]	requested parameters	period	To view pricing information visit our online Portal:
2010652	solvents	ethanol, isopropyl alcohol, acetone, glycol	Aug-23	Login or register
2010329	perfume, body spray	flash point	Aug-23	
2010397	Self-tanner	dihydroxyacetone, formaldehyde	Apr-23	
2010399	determination of sunscreen UVA photoprotection in vitro (ISO 24443)	UVA photoprotection	Apr-23	
2011022	rheology of cosmetics	viscosity	Jun-23	
2011100	Determination of 3-lodoprop- 2-yn-1-yl butylcarbamate (IPBC) in cosmetic products	3-lodoprop-2-yn-1-yl butylcarbamate (IPBC)	Sep-23	

cosmetics

21

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Art. No.	proficiency testing type ^[A]	requested parameters	period	To view pricing information visit our online Portal:
2010314	migration of printing ink constituents quant. determination of monomers and initiators -round 1-	CAS 94108-97-1: Di(tri-methylolpropan)tetraacrylat (Di- TMPTA), CAS 57472-68-1: Dipropylene glycol diacrylate (DPGDA), CAS 119313-12-1: 1-Butanone,2-(dimethylamino)-1-(4-(4- morpholinyl)phenyl)-2-(phenylmethyl)- CAS 84434-11-7: 2,4,6-trimethylbenzoylphenyl phosphinate food simulating matrices: 50% ethanol, 95% ethanol	Jul-23	<u>Login or register</u>
2010316	migration of printing ink constituents quant. determination of monomers and initiators -round 2-	CAS 42978-66-5: Tri(propylene glycol)diacrylate (TPGDA), CAS 15625-89-5: Tri(methylolpropan)triacrylate (TMPTA), CAS 272460-97-6: 1-Propanone,1-[4-[(4- benzoylphenyl)thio]phenyl]-2-methyl-2-[(4- methylphenyl)sulfonyl]-, CAS 162881-26-7: Bis(2,4,6-trimethylbenzoyl)- phenylphosphineoxide	Mar-23 Mar-24	
		food simulating matrices: 50% ethanol, 95% ethanol		
2010193	printing ink constituents in synthetic samples - monomers -round 3-	CAS 94108-97-1: Di(tri-methylolpropan)tetraacrylat (Di- TMPTA), CAS 57472-68-1: Dipropylene glycol diacrylate (DPGDA), CAS 42978-66-5: Tri(propylene glycol)diacrylate (TPGDA), CAS 15625-89-5: Tri(methylolpropan)triacrylate (TMPTA)	Sep-23	
3010019	printing ink constituents in synthetic samples - initiators -round 4-	CAS 119344-86-4: 2-dimethylamino-2-(4- methyl-benzyl)-1-(4-morpholin-4-yl-phenyl)- butan-1-one CAS 84434-11-7: 2,4,6-trimethylbenzoylphenyl phosphinate CAS 272460-97-6: 1-Propanone,1-[4-[(4- benzoylphenyl)thio]phenyl]-2-methyl-2-[(4- methylphenyl)sulfonyl]-, CAS 162881-26-7: Bis(2,4,6-trimethylbenzoyl)- phenylphosphineoxide	Nov-23	

[A] = For accredited and non-accredited status please see Online portal (ODIN)

toys

23

Art. No.	proficiency testing type ^[A]	requested parameters	period	To view pricing information visit our online Portal:
2010562	elements in toys; scrapped- off materials	tin, zinc, nickel, strontium, antimony, barium, cadmium, cobalt, lead (minimum 4 of the parameters quantitative)	May-23	Login or register
2010564	colourfastness of articles for common use (acc. to DIN 53160-1)	Test with artificial saliva	Jun-23	
2010566	colourfastness of articles for common use (acc. to DIN 53160-2)	Test with artificial sweat	Jun-23	
2010626	toys on water basis	methylisothiazolinone (MI), benzisothiazolinone (BIT)	Apr-23	
2010253	finger color (EN 71-12)	N-Nitrosodiethanolamine (NDELA)	Apr-23	
2010255	toy material extract: dyes (EN 71-11)	dyes	Jul-23	
2010257	aqueous migrate: phenol (EN 71-11)	phenol	Aug-23	
2010259	aqueous migrate: bisphenol A (EN 71-11)	bisphenol A	Jul-23	
2010262	aqueous migrate: acrylamide (EN 71-11)	acrylamide	Aug-23	
2010299	wobble mass, slime (EN 71- 3)	boron	Sep-23	
2010301	formaldehyde release (EN 717-3) (use of a model matrix)	formaldehyde (flask method)	Oct-23	
2010309	primary aromatic amines in finger paint and colorants	CAS 95-53-4 (o-Toluidine), CAS 90-04-0 (2- Methoxyaniline), CAS 106-47-8 (4- Chloraniline), CAS 91-59-8 (2- Napthylamine), CAS 92-87-5 (Benzidine), CAS 62-53-3 (Aniline), CAS 119-93-7 (3,3'- Dimethylbenzidine), CAS 91-94-1 (3,3'- Dichlorbenzidine), CAS 119-90-4 (3,3'- Dimethoxybenzidine). The samples contain at least 5 aromatic amines.	Dec-23	
2010440	preservative in finger pain (EN 71-7)	sorbic acid, benzoic acid, 2- phenoxyethanol, PHB ester	Aug-23	
2011009	Lead and cadmium in children's toys (CPSC-CH- E1004-11, CPSC-CH-E1002-	Lead, cadmium	Jul-23	

Art. No.	proficiency testing type ^[A]	requested parameters	period	To view pricing information visit our online Portal:
2010914	organic acids	citric acid, formic acid, amidosulfonic acid	Oct-23	Login or register
2010916	oxidizing agent	sodium hypochlorite, hydrogen peroxide, percarbonate	Oct-23	
2010918	reducing agent	sodium dithionite, sulphurous acid, oxalic acid		
2010920	acid / alkali cleaning agent	pH value, acid reserve, alkali reserve	Apr-23	
2010922	alcohol-based cleaner	ethanol	Apr-23	
2010432	hygienic rinsing agent - disinfectant	DDAC (didecyldimethylammonium chloride), BAC (benzalkonium chloride)	Jul-23	
2010436	denaturant	Bitrex (denatonium benzoate)	Jul-23	
2010438	disinfectant	formaldehyde, glutaraldehyde, triclosan	Jul-23	

cleaning agent

metals

Art. No.	proficiency testing type ^[A]	requested parameters	period	
2010171	determination of elements in metal by X-ray fluorescence analysis (XRF)	determination of various elements, e.g. nickel, copper, zinc, lead	Jul-23	
2010416	chemical analysis of refractory products by X-ray fluorescence (XRF) - Fused cast-bead method (ISO 12677)	Determination of various elements, e.g. nickel, copper, zinc, lead	Jul-23	

Proficiency Testing for coating thickness in metal can be found in the catalogue "material testing" or the online catalogue.

e-cigarettes

Art. No.	proficiency testing type ^[A]	requested parameters	period	
2010264	liquids from e-cigarettes	glycerin, propylene glycol, nicotine	Sep-22	
2010420	liquid from CBD cigarettes	CBD, terpenes	Sep-22	

[A] = For accredited and non-accredited status please see Online portal (ODIN)

leather

25

Art. No.	proficiency testing type ^[A]	requested parameters	period	To view pricing information visit our online Portal:
2010186	identification of leather by microscopy	identification of leather (imitation leather and leather of various animal species)	May-23	Login or register
2010189	determination of the total metal content in leather (ISO 17072-2)	e.g. chromium, lead and cadmium	May-23	
2010233	determination of water soluble substances in leather	water-soluble substances, water-soluble inorganic substances	May-23	
2010192	determination of volatile substances in leather	Mass of volatile substances	Jun-23	
2010194	determination of preservatives in leather	CAS 21564-17-0 (TCMTB), CAS 59-50-7 (CMK), CAS 90-43-7 (OPP), CAS 26530-20-1 (OIT)	Jun-23	
2010196	Leather – formaldehyde content ISO 17226-1	CAS 50-00-0 (formaldehyde)	Jun-23	
2010198	determination of aromatic amines from azo dyes in leather	qualitative and quantitative detection of azo dyes over aromatic amines according to ISO 17234-1	Jul-23	
2010200	determination of 4- aminoazobenzene in leather	CAS 60-09-3 (4-aminoazobenzene) according to ISO 17234-2	Jul-23	
2010202	chlorophenols in leather	Tetrachlorophenol-, trichlorophenol-, dichlorophenol-, monochlorophenol- isomers and CAS 87-86-5 (pentachlorophenol)	Jul-23	
2010265	organotin compounds in leather	CAS 1118-46-3 (monobutyltin trichloride), CAS 3091-25-6 (trichlorooctylstannane), CAS 683-18-1 (dibutyltin dichloride), CAS 3542-36-7 (dioctyltin dichloride), CAS 1461- 22-9 (tributyltin chloride), CAS 639-58-7 (triphenyltin chloride), CAS 3091-32-5 (tricyclohexyltin chloride), CAS 1461-25-2 (tetra-n-butyltin)	Aug-23	
2010211	alkylphenols and alkylphenol ethoxylates in leather	CAS 68412-54-5 (nonylphenol ethoxylate), CAS 9002-93-1 (octylphenol ethoxylate), CAS 84852–15–3 4-(nonylphenol isomer mixture), CAS 140–66–9 (4-tert- octylphenol)	Aug-23	
2010305	naphthalene in leather	CAS 91-20-3 (naphthalene)	Jun-23	
2010418	determination of extractable metals in leather (ISO 17072- 1)	e.g. chrome, lead and cadmium	May-23	
2011005	Dimethyl fumarate (DMFU) in footwear materials (ISO 16186)	Dimethyl fumarate (DMFU)	Aug-23	
2011007	Dimethylformamide (DMF) in footwear materials (ISO 16189)	Dimethylformamide (DMF)	Aug-23	

Proficiency Testing for mechanical leather testing can be found in the catalogue "material testing" or the online catalogue.

kitchen utensils and dishes

Art. No.	proficiency testing type ^[A]	requested parameters	period	To view pricing information visit our online Portal:
2010407	release of metals from enamel (ISO 4531)	Release of various metals in the simulant 3% acetic acid	Oct-23	Login or register
2010411	specific migration of lead and cadmium from ceramics (EN 1388-1)	Lead and cadmium in the simulant acetic acid (40 ml/l)	Oct-23	
2010414	specific migration of cobalt from ceramics	Cobalt in the simulants 4% acetic acid, 0,5% citric acid and 10% acetic acid	Oct-23	

adhesive

Art. No.	proficiency testing type ^[A]	requested parameters	requested parameters period	
2010422	preservatives in adhesive	Methylisothiazolinone (MIT), Chloromethylisothiazolinone (CIT), Benzisothiazolinone (BIT), Octylisothiazolinone (OIT), Phenoxyethanol	Jun. 23	
2010424	formaldehyde in adhesive	Formaldehyde	Jun. 23	
2010426	VOC in adhesive	VOC in the value range 0,01-0,1% (100-1000 mg/kg), e.g. 1-Butanol, Acetone, Benzene, Toluene. Styrene	Jun. 23	
2010428	solvents in adhesive	e.g. ethanol, acetone, benzene, toluene, methyl acetate (The test should be carried out according to EN ISO 11890-2 or a comparable method. Solvent quantities of more than 0,01% by mass are to be expected.)	Jun. 23	
2010925	Migration of primary aromatic amines in adhesive	CAS 823-40-5 (2,6-Diamino-toluol), CAS 95- 80-7 (2,4-Diamino-toluol), CAS 101-77-9 (4,4-Diamino-diphenylmethan), CAS 1208- 52-2 (2,4-Diamino-diphenylmethan), CAS 6582-52-1 (2,2-Diamino-diphenylmethan) in the simulant 3% acetic acid	Jun. 23	

rubber

Art. No.	proficiency testing type ^[A]	requested parameters	period	
2010853	determination of the content of PAH in rubber	CAS 91-20-3 (naphthalene), CAS 120-12-7 (anthracene), CAS 56-55-3 (benzo(a)anthracene), CAS 218-01-9 (chrysene), CAS 205-99-2 (benzo(b)fluoranthene), CAS 207-08-9 (benzo(k)fluoranthene), CAS 205-82-3 (benzo(j)fluoranthene), CAS 192-97-2 (benzo(e)pyrene), CAS 50-70-3 (benzo(a)pyrene), CAS 53-70-3 (dibenz(ah)anthracene) (at least 5 of the parameters quantitative)	Sep-23	

[A] = For accredited and non-accredited status please see Online portal (ODIN)

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27 organoleptic proficiency testing

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 28 of this catalogue.

films

Art. No.	proficiency testing type ^[A]	requested parameters	period	To view pricing information visit our online Portal:
For the foll	owing proficiency testing sc	Login or register		
3010011	sensory of packaging acc. to DIN 10955	examination for panels - minimum number of participants: 6 assessors! organoleptic analysis - sample preparation, intensity estimation, descriptive testing	Oct-23	

paper / board

Art. No.	proficiency testing type ^[A]	requested parameters period	
For the following proficiency testing schemes you can not enter your results online:			
3010024 sensory of board and paper acc. to EN 1230 examination for panels - minimum number of participants: 6 assessors! organoleptic analysis - sample preparation, intensity estimation, descriptive testing		Oct-23	
3010022	threshold value examination off flavour	organoleptic analysis - threshold value examination for packaging off-flavour	Aug-23

registration form proficiency testing

Deutsches Referenzbüro für Ringversuche und Referenzmaterialien

Article No. / proficiency testing type	period	result release and report online (ODIN)	result release by e- mail / fax; report by e- mail	additional sample sets / assessor (organoleptic)

Up to nine additional result sheets can be returned for chemical-physical, microbiological and physical-mechanical proficiency testing rounds are free of charge. As a participant, you benefit from our international recognized proficiency testing schemes. By submitting up to ten result sheets you are now enabled to run international comparisions to check different methods and different lab technicians with one proficiency testing round. Your benefit: Participating in DRRR-proficiency testing services save costs for your quality assurance! If you need additional sample sets, you have the opportunity to order it according to our latest product catalogue.

Please note, that the free of charge service is only valid for returning result sheets by ODIN. If you send us your results by mail, fax or postal delivery, the additional result sheet will be charged according the latest product catalogue as a sample set equivalent.

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. Cancelation fees apply when cancelling a registration. If you want to have a permanent-registration please tick the box on the right side.

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Please send registration to: fax-no. +49 (0)8 31/960 878-99 e-mail: <u>info@DRRR.de</u> online via <u>www.odin.drrr.de</u>

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