

Dear customers

we offer this year a comprehensive proficiency testing program with many new developments in all fields.

We are pleased to present you our quality assurance program in the field of the “**chemical-physical**” analytic in the field of **consumer goods and packaging**.

chemical-physical proficiency testing schemes FILMS:

- **specific migration (1-Octen) EN 13130-26 (August 2018)**
Article No. 2010306 *more information you can find at www.odin.drrr.de*
specific migration of 1-octen in food simulating matrix:
ethanol 50%, 95% ,vegetable oil
- **testing of ethylene glycol EN 13130-7 (June 2018)**
Article No. 2010220 *more information you can find at www.odin.drrr.de*
ethylene glycol in food simulating matrix:
ethanol 10%; 20%; 50%, acetic acid 3%, distilled water, vegetable oil
- **testing of di-ethylene glycol EN 13130-7 (June 2018)**
Article No. 2010222 *more information you can find at www.odin.drrr.de*
di-ethylene glycol in food simulating matrix:
ethanol 10%; 20%; 50%, acetic acid 3%, distilled water, vegetable oil
- **specific migration (terephthalic acid) EN 13130-2 (August 2018)**
Article No. 2010310 *more information you can find at www.odin.drrr.de*
specific migration of terephthalic acid in food simulating matrix:
Ethanol 10%; 50%, acetic acid 3%, distilled water, vegetable oil
- **determination of overall migrat on synthetic samples (July 2018)**
Article No. 2010322 *more information you can find at www.odin.drrr.de*
determination of overall migrat in simulating matrix: ethanol 10%; 20%; 50%, acetic acid 3%, distilled water
- **determination of vinylchloride monomer in synthetic sample (October 2018)**
Article No. 2010584 *more information you can find at www.odin.drrr.de*
vinyl chloride monomer
- **acetaldehyde in mineral water (July 2018)**
Article No. 2010634 *more information you can find at www.odin.drrr.de*
acetaldehyde

chemical-physical proficiency testing schemes PAPER / BOARD:

- **migration from paper and board using MPPO as a simulant EN 14338 (November 2018)**
Article No. 2010620 *more information you can find at www.odin.drrr.de*
overall migration by using Tenax (MPPO) as a simulant
- **pH value in aqueous extract (cold and hot) (November 2018)**
Article No. 2010640 *more information you can find at www.odin.drrr.de*
pH value
- **colour fastness of dyed paper and board (EN 646) (August 2018)**
Article No. 2010646 *more information you can find at www.odin.drrr.de*
testing with distilled water, acetic acid 3%, olive oil, saliva simulant
- **colour fastness of fluorescent whitened paper and board (EN 648) (August 2018)**
Article No. 2010648 *more information you can find at www.odin.drrr.de*
testing with distilled water, acetic acid 3%, olive oil, saliva simulant

chemical-physical proficiency testing schemes TEXTILES:

- **extractable heavy metals in textiles (July 2018)**
Article No. 2010324 *more information you can find at www.odin.drrr.de*
cadmium, lead, nickel, mercury, chromium
- **flameretardants (December 2018)**
Article No. 2010326 *more information you can find at www.odin.drrr.de*
quantitative determination of flame retardants

chemical-physical proficiency testing schemes TATTOO INK:

- **preservatives in tattoo ink (October 2018)**
Article No. 2010338 more information you can find at www.odin.drrr.de
benzothiazolinone (BIT)
- **aromatic amins in tattoo ink (October 2018)**
Article No. 2010340 more information you can find at www.odin.drrr.de
aniline, o-Anisidine, o-toluidine, 5-nitro-o-toluidine, o-dianisidine

chemical-physical proficiency testing schemes TOYS:

- **colourfastness of articles for common use (acc. to DIN 53160-1) (June 2018)**
Article No. 2010564 more information you can find at www.odin.drrr.de
Test with artificial saliva
- **colourfastness of articles for common use (acc. to DIN 53160-2) (June 2018)**
Article No. 2010566 more information you can find at www.odin.drrr.de
Test with artificial sweat
- **toys on water basis (July 2018)**
Article No. 2010626 more information you can find at www.odin.drrr.de
chloromethylisothiazolinone (CMI), methylisothiazolinone (MI), benzisothiazolinone (BIT)

chemical-physical proficiency testing schemes COSMETICS:

- **PAH in decorative cosmetics (July 2018)**
Article No. 2010336 more information you can find at www.odin.drrr.de
naphthalene, anthracene, benzo(a)anthracene, chrysene, benzo(b)fluoranthren, benzo(k)fluoranthren, benzo(j)fluoranthren, benzo(e)pyren, benzo(a)pyren, dibenz(ah)anthracene (minimum 5 of the parameters quantitative)

chemical-physical proficiency testing schemes JEWELLERY:

- **jewellery (acc. to EN 1811) (July 2018)**
Article No. 2010568 more information you can find at www.odin.drrr.de
testing for nickel release

chemical-physical proficiency testing schemes PRINTING INKS:

- **printing ink constituents in synthetic samples – monomers –round 3- (September 2018)**
Article No. 2010193 more information you can find at www.odin.drrr.de
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)

Have we sparked your interests?

More information concerning the proficiency testing schemes as well as the prices and the order form you can find in the attached special supplement, in our product catalogue, on our website <http://www.DRRR.de/en/catalogue/> and in our Online Data Information Network ([ODIN](#)).

For questions and suggestions do not hesitate to contact us!

Yours DRRR-Team

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chemical-physical proficiency testing

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 of this special supplement.

films

Art. No.	proficiency testing type	requested parameters	period	price *	additional samples **
2010306	specific migration (1-octen) EN 13130-26	specific migration of 1-octen in food simulating matrix: ethanol 50%, 95% ,vegetable oil	Aug-18	349,00 €	123,00 €
2010220	testing of ethylene glycol EN 13130-7	ethylene glycol in food simulating matrix: ethanol 10%; 20%; 50%, acetic acid 3%, distilled water, vegetable oil	Jun-18	349,00 €	123,00 €
2010222	testing of di-ethylene glycol EN 13130-7	di-ethylene glycol in food simulating matrix: ethanol 10%; 20%; 50%, acetic acid 3%, distilled water, vegetable oil	Jun-18	349,00 €	123,00 €
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-18	349,00 €	123,00 €
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-18	349,00 €	123,00 €
2010584	determination of vinylchloride monomer in synthetic sample	vinyl chloride monomer	Oct-18	349,00 €	123,00 €
2010634	acetaldehyde in mineral water	acetaldehyde	Jul-18	349,00 €	123,00 €

paper / board

Art. No.	proficiency testing type	requested parameters	period	price *	additional samples **
2010620	migration from paper and board using MPPO as a simulant EN 14338	overall migration by using Tenax (MPPO) as a simulant	Nov-18	349,00 €	123,00 €
2010640	pH value in aqueous extract (cold and hot)	pH value	Nov-18	349,00 €	123,00 €
2010646	colour fastness of dyed paper and board (EN 646)	testing with distilled water, acetic acid 3%, olive oil, saliva simulant	Aug-18	349,00 €	123,00 €
2010648	colour fastness of fluorescent whitened paper and board (EN 648)	testing with distilled water, acetic acid 3%, olive oil, saliva simulant	Aug-18	349,00 €	123,00 €

* price only valid by online result release and report in ODIN / price for result release by mail/fax plus 30,00 € / price for report by post plus 40,00 €

** additional submitted result sheets by e-mail, post or fax will be charged as additional sample sets

chemical-physical proficiency testing

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textiles

Art. No.	proficiency testing type	requested parameters	period	price *	additional samples **
2010324	extractable heavy metals in textiles	cadmium, lead, nickel, mercury, chromium	Jul-18	349,00 €	123,00 €
2010326	flameretardants	quantitative determination of flame retardants	Dec-18	349,00 €	123,00 €

tattoo ink

Art. No.	proficiency testing type	requested parameters	period	price *	additional samples **
2010338	preservatives in tattoo ink	benzisothiazolinone (BIT)	Oct-18	230,00 €	77,00 €
2010340	aromatic amins in tattoo ink	aniline, o-Anisidine, o-toluidine, 5-nitro-o-toluidine, o-dianisidine	Oct-18	349,00 €	123,00 €

toys

Art. No.	proficiency testing type	requested parameters	period	price *	additional samples **
2010564	colourfastness of articles for common use (acc. to DIN 53160-1)	Test with artificial saliva	Jun-18	349,00 €	123,00 €
2010566	colourfastness of articles for common use (acc. to DIN 53160-2)	Test with artificial sweat	Jun-18	349,00 €	123,00 €
2010626	toys on water basis	chloromethylisothiazolinone (CMI), methylisothiazolinone (MI), benzisothiazolinone (BIT)	Jul-18	349,00 €	123,00 €

* price only valid by online result release and report in ODIN / price for result release by mail/fax plus 30,00 € / price for report by post plus 40,00 €

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cosmetics

Art. No.	proficiency testing type	requested parameters	period	price *	additional samples **
2010336	PAH in decorative cosmetics	naphthalene, anthracene, benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(j)fluoranthene, benzo(e)pyrene, benzo(a)pyrene, dibenz(ah)anthracene (minimum 5 of the parameters quantitative)	Jul-18	349,00 €	123,00 €

jewellery

Art. No.	proficiency testing type	requested parameters	period	price *	additional samples **
2010568	jewellery (acc. to EN 1811)	testing for nickel release	Jul-18	349,00 €	123,00 €

printing inks

Art. No.	proficiency testing type	requested parameters	period	price *	additional samples **
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-18	510,00 €	177,00 €

* price only valid by online result release and report in ODIN / price for result release by mail/fax plus 30,00 € / price for report by post plus 40,00 €

** additional submitted result sheets by e-mail, post or fax will be charged as additional sample sets

