

CONSUMER GOODS AND PACKAGING

Dear customers

through a lot of developments in all matrices, we offer this year a comprehensive proficiency testing program with many new developments in the field of **films, tattoo ink, paper / board, cosmetics, toys**.

We are pleased to present you our quality assurance program in the field of the **chemical-physical** analytic of **“films”, “tattoo ink”, “paper / board”, “cosmetics” and “toys”**.

Product catalogue consumer goods and packaging

chemical-physical proficiency testing schemes FILMS:

- **testing of ethylene glycol EN 13130-7 (June 2019)**
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
- **identification of plastic granules (March 2019)**
Article No. 2010210 more information you can find at www.odin.drrr.de
qualitative determination of plastic granules
- **identification of multi-layer plastic films (March 2019)**
Article No. 2010312 more information you can find at www.odin.drrr.de
qualitative identification of multi-layer films
- **determination of overall migrat on synthetic samples (July 2019)**
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 bisphenol A content in plastics (April 2019)**
Article No. 2010636 more information you can find at www.odin.drrr.de
bisphenol A monomer
- **determination of 1,3 butadiene content in plastics (September 2019)**
Article No. 2010638 more information you can find at www.odin.drrr.de
1,3 butadiene monomer

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chemical-physical proficiency testing schemes TATTOO INK:

- **preservatives in tattoo ink (May 2019)**
Article No. 2010338 *more information you can find at www.odin.drrr.de*
benzisothiazolinone (BIT)
- **aromatic amines in tattoo ink (May 2019)**
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 PAPER / BOARD:

- **mineral oil in fatty foodstuff (July 2019)**
Article No. 2010590 *more information you can find at www.odin.drrr.de*
MOSH C16-C25, MOSH C25-C35; MOAH C16-C25, MOAH C25-C35
- **formaldehyde in aqueous extract EN 1541 (July 2019)**
Article No. 2010642 *more information you can find at www.odin.drrr.de*
formaldehyde (cold water extract)
- **colour fastness of dyed paper and board (EN 646) (May 2019)**
Article No. 2010646 *more information you can find at www.odin.drrr.de*
testing with distilled water, acetic acid 3%, olive oil, saliva simulat
- **colour fastness of fluorescent whitened paper and board (EN 648) (May 2019)**
Article No. 2010648 *more information you can find at www.odin.drrr.de*
testing with distilled water, acetic acid 3%, olive oil, saliva simulat

chemical-physical proficiency testing schemes TOYS:

- **elements in toys; scrapped-off materials (May 2019)**
Article No. 2010562 *more information you can find at www.odin.drrr.de*
tin, zinc, nickel, strontium, antimony, barium, cadmium, cobalt, lead
(minimum 4 of the parameters quantitative)
- **colourfastness of articles for common use (acc. to DIN 53160-1) (June 2019)**
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 2019)**
Article No. 2010566 *more information you can find at www.odin.drrr.de*
Test with artificial sweat

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chemical-physical proficiency testing schemes COSMETICS:

- **metals in cosmetics (April 2019)**
Article No. 2010332 *more information you can find at www.odin.drrr.de*
aluminium, copper, zinc
- **quant. determination of UV filters**
Article No. 2010334 *more information you can find at www.odin.drrr.de*
EHS, BMDM, EHT, PBSA, OC, titanium dioxide
- **PAH in decorative cosmetics (July 2019)**
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 3 of the
parameters quantitative)
- **mineral oil in hydrocarbons in care products
(September 2019)**
Article No. 2010558 *more information you can find at www.odin.drrr.de*
MOSH C10 - C50, MOAH C10 - C50
- **anti dandruff substances (July 2019)**
Article No. 2010650 *more information you can find at www.odin.drrr.de*
pirocton-olamine, zinc pyrithione

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](#)).

Do you have suggestions for other parameters or matrices and their implementation?

Then 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 ** |
|----------|--|--|--------|----------|-----------------------|
| 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-19 | 359,00 € | 123,00 € |
| 2010210 | identification of plastic granules | qualitative determination of plastic granules | Mar-19 | 359,00 € | 123,00 € |
| 2010312 | identification of film material: multi-layer plastic films | qualitative identification of multi-layer films | Mar-19 | 359,00 € | 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-19 | 359,00 € | 123,00 € |
| 2010636 | determination of bisphenol A content in plastics | bisphenol A monomer | Apr-19 | 359,00 € | 123,00 € |
| 2010638 | determination of 1,3 butadiene content in plastics | 1,3 butadiene monomer | Sep-19 | 359,00 € | 123,00 € |

tattoo ink

| Art. No. | proficiency testing type | requested parameters | period | price * | additional samples ** |
|----------|------------------------------|---|--------|----------|-----------------------|
| 2010338 | preservatives in tattoo ink | benzisothiazolinone (BIT) | May-19 | 240,00 € | 77,00 € |
| 2010340 | aromatic amins in tattoo ink | aniline, o-Anisidine, o-toluidine, 5-nitro-o-toluidine, o-dianisidine | May-19 | 359,00 € | 123,00 € |

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

| Art. No. | proficiency testing type | requested parameters | period | price * | additional samples ** |
|----------|--|---|--------|----------|-----------------------|
| 2010590 | mineral oil in fatty foodstuff | MOSH C16-C25, MOSH C25-C35; MOAH C16-C25, MOAH C25-C35 | Jul-19 | 369,00 € | 123,00 € |
| 2010642 | formaldehyde in aqueous extract EN 1541 | formaldehyde (cold water extract) | Jul-19 | 359,00 € | 123,00 € |
| 2010646 | colour fastness of dyed paper and board (EN 646) | testing with distilled water, acetic acid 3%, olive oil, saliva simulat | May-19 | 359,00 € | 123,00 € |
| 2010648 | colour fastness of fluorescent whitened paper and board (EN 648) | testing with distilled water, acetic acid 3%, olive oil, saliva simulat | Nov-19 | 359,00 € | 123,00 € |

cosmetics

| Art. No. | proficiency testing type | requested parameters | period | price * | additional samples ** |
|----------|---|---|---------|----------|-----------------------|
| 2010332 | metals in cosmetics | aluminium, copper, zinc | Apr-19 | 359,00 € | 123,00 € |
| 2010334 | quant. determination of UV filters | EHS, BMDM, EHT, PBSA, OC, titanium dioxide | Apr-19 | 359,00 € | 123,00 € |
| 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) | Jul-19 | 359,00 € | 123,00 € |
| 2010558 | mineral oil hydrocarbons in care products | MOSH C10 - C50, MOAH C10 - C50 | Sep-19 | 359,00 € | 123,00 € |
| 2010650 | anti dandruff substances | pirocton-olamine, zinc pyrithione | July 19 | 359,00 € | 123,00 € |

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

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.

toys

| Art. No. | proficiency testing type | requested parameters | period | price * | additional samples ** |
|----------|---|--|--------|----------|-----------------------|
| 2010562 | elements in toys; scrapped-off materials | tin, zinc, nickel, strontium, antimony, barium, cadmium, cobalt, lead (minimum 4 of the parameters quantitative) | May-19 | 359,00 € | 123,00 € |
| 2010564 | colourfastness of articles for common use (acc. to DIN 53160-1) | Test with artificial saliva | Jun-19 | 359,00 € | 123,00 € |
| 2010566 | colourfastness of articles for common use (acc. to DIN 53160-2) | Test with artificial sweat | Jun-19 | 359,00 € | 123,00 € |

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

registration form proficiency testing



| Article No. / proficiency testing type | period | result release and report online (ODIN) | result release by e-mail / fax; report by e-mail | report by postal delivery | additional sample sets |
|--|--------|---|--|---------------------------|------------------------|
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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). The appropriate form you can find in the product catalogue microbiology on page 63.**

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

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

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

DRRR-customer number _____

company _____

company (additional line) _____

contact person _____

street _____

post-code /city _____

country (if not Germany) _____

fon _____

fax _____

e-mail _____

e-mail for invoices _____

VAT-ID-No. (if available) _____

With your signature you agree with our general terms and conditions.

_____ date

_____ signature