

Textiles and Personal protective equipment Proficiency Testing 2019

Inspection body

We are an inspection body, reference material producer and proficiency testing (PT) provider. For a wide selection of proficiency testing schemes the DRRR is accredited acc. DIN EN ISO/IEC 17043 (please look into the appendix of our scope of accreditation). Proficiency Testing schemes that are not covered by the scope of accreditation are specially marked with *) in the product catalogue/on the homepage.

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 benefit

Our proficiency testing schemes cover a wide range of tests and analysis for material testing. Thus you can benefit from our high quality standards in all important testing fields:

in 2019 more than 500 accredited Proficiency testing schemes are offered

By participating in our proficiency testing schemes you have an objective and independent impression of your quality and performance of your routine testing method. Your benefits taking part in DRRR proficiency testing schemes:

- Participation in proficiency testing is required by several facilities
- Participants can compare, assure and improve their own performance and quality
- Recognition of the applied method compared to the other laboratories
- Unquestionable lab performance towards customers and certification authorities
- Saving costs of lab development and maintenance
- Saving on the working time in the lab and many other benefits



Statistical principles

Depending on the distribution of the data, the following statistical methods are used for evaluation, amongst others:

- **sensible statistics**
- **sensible statistics with outlier elimination (e.g. Grubbs or expert outliers)**
- **robust statistics (Hampel-Schätzer, Q-method)**



Registration/information

Simply brilliant, your proficiency testing with ODIN.

- Convenient proficiency testing participation with ODIN easy, safe and clearly
- Fast and easy online registration / online announcement in our online catalogue
 - Direct management and booking of the proficiency testing
 - Overview about the registered proficiency testing schemes
 - Fast and secure submission of your results via ODIN
 - Online access to individual customers reports and certificates
 - Supervisor rights available to overview all PTs of a multi-site company
 - saving of costs through booking and submission of your results via ODIN

You can also use the following pages as a registration form or download them on our homepage:

<http://www.drrr.de/en/proficiency-testing/material-testing/>

For questions and suggestions do not hesitate to contact us!

DRRR GmbH
Bodmanstraße 4 D-87435 Kempten
Fon: +49 (0)8 31/960 878-0
Fax: +49 (0)8 31/960 878-99
E-mail: info@DRRR.de Website: www.DRRR.de



Textiles: Registration for 2019

In cooperation with:



Schedule 2019

Fabric properties:

| Art. no. | Standard | Proficiency testing type | Price* | Add. samples |
|----------|---------------------|--|--------|--------------|
| 2010733 | EN 12127 ISO 3801 | <input type="checkbox"/> Mass per unit area: natural and synthetic fibre material (23/50 and 20/65 possible) | 200 € | 100 € |
| 2010983 | freely selectable | <input type="checkbox"/> Construction of fabric: number of threads / wales / course | 200 € | 100 € |
| 2010732 | ISO 9073-2 | <input type="checkbox"/> Thickness of nonwovens | 200 € | 100 € |
| 2010070 | ISO 9073-4 | <input type="checkbox"/> ° Tear resistance nonwovens [NEW!] | 200 € | 100 € |
| 2010734 | ISO 13934-1 | <input type="checkbox"/> Tensile properties - strip method | 200 € | 100 € |
| 2010837 | ISO 13934-2 | <input type="checkbox"/> Tensile properties - grab method | 200 € | 100 € |
| 2010778 | ISO 13937-1 | <input type="checkbox"/> Tear properties - Elmendorf method | 200 € | 100 € |
| 2010800 | ISO 13937-2 | <input type="checkbox"/> Tear properties - trouser shaped specimen | 200 € | 100 € |
| 2010801 | ISO 13937-3 | <input type="checkbox"/> Tear properties - wing shaped specimen | 200 € | 100 € |
| 2010802 | ISO 12947-2 | <input type="checkbox"/> Abrasion resistance - Martindale | 200 € | 100 € |
| 2010803 | ISO 12945-1 | <input type="checkbox"/> Pilling properties - Pilling box | 200 € | 100 € |
| 2010804 | ISO 12945-2 | <input type="checkbox"/> Pilling properties - Martindale | 200 € | 100 € |
| 2010841 | ISO 13936-1/-2 | <input type="checkbox"/> Slippage resistance of yarns | 200 € | 100 € |
| 2010072 | ISO 13935-1 | <input type="checkbox"/> Maximum force seam (strip method) [NEW!] | 200 € | 100 € |
| 2010842 | ISO 13938-2 | <input type="checkbox"/> Bursting strength and Bursting distension | 200 € | 100 € |
| 2010751 | ISO 3071 | <input type="checkbox"/> PH value of textiles | 200 € | 100 € |
| 2010973 | DIN 54278-1 | <input type="checkbox"/> ° Determination of materials soluble in organic solvents | 200 € | 100 € |
| 2010836 | ISO 11357-3 | <input type="checkbox"/> DSC: Temp. and enthalpy of melting | 200 € | 100 € |
| 2011000 | AATCC 179 | <input type="checkbox"/> ° Vertical Wicking of Textiles | 200 € | 100 € |



The accreditation only applies to the determined content of the scope of the certificate.

Dates and prices

Sample shipment:

27.-31. May 2019

Reporting Deadline:

9. August 2019

* Price for report by postal delivery + 40,00 €/ prices shall be net, plus value-added tax

Functional properties:

| | | | | |
|---------|-----------------------|---|-------|-------|
| 2010805 | Diffuse / 8°-geometry | <input type="checkbox"/> Colour measurement - ΔE , ΔL , Δa , Δb | 200 € | 100 € |
| 2010806 | acc. to Ganz | <input type="checkbox"/> Whiteness measurement | 200 € | 100 € |
| 2010839 | ISO 811 | <input type="checkbox"/> Hydrostatic pressure test | 200 € | 100 € |
| 2010830 | ISO 9073-12 | <input type="checkbox"/> Demand absorbency | 200 € | 100 € |
| 2010997 | AATCC 79 | <input type="checkbox"/> ° Absorbency of Textiles | 200 € | 100 € |
| 2010840 | ISO 5077 ISO 6330 | <input type="checkbox"/> Dimensional change in washing (drying method F) | 200 € | 100 € |
| 2010807 | ISO 15797 | <input type="checkbox"/> Industrial washing and colour change (method 2 peracetic acid bleach) | 200 € | 100 € |
| 2010996 | ISO 7770 ISO 7768 | <input type="checkbox"/> ° Assessing the appearance of seams and fabrics | 200 € | 100 € |
| 2010995 | ISO 11092 | <input type="checkbox"/> ° Thermal and water vapour resistance | 200 € | 100 € |
| 2010074 | ISO 4920 / AATCC 22 | <input type="checkbox"/> ° Spray test - surface wetting [NEW!] | 200 € | 100 € |
| 2010832 | ISO 9237 | <input type="checkbox"/> Permeability of fabrics to air | 200 € | 100 € |
| 2010808 | DIN 75200 FMVSS 302 | <input type="checkbox"/> Burning rate of textiles | 200 € | 100 € |

Questions and suggestions

Do not hesitate to contact the DRRR-team:

Thorsten Helbig
+49(0)831/960 878-77
thorsten.helbig@drrr.de

Stefanie Beyer
+49(0)831/960 878-87
stefanie.beyer@drrr.de

Individual fibres (4,4 dtex to 15dtex):

| | | | | |
|---------|----------|--|-------|-------|
| 2010975 | ISO 1973 | <input type="checkbox"/> ° Linear density | 200 € | 100 € |
| 2010976 | ISO 5079 | <input type="checkbox"/> ° Breaking force and elongation | 200 € | 100 € |

©DRRR rev.: 12.02.2019
(changes reserved)

page 2 of 4

° This Proficiency test is currently not within our scope of accreditation

Textiles: Registration for 2019

In cooperation with:



Schedule 2019

Colour fastness:

| Art. no. | Standard | Proficiency testing type | Price* | Add. samples |
|----------|-----------------|--|--------|--------------|
| 2010809 | ISO 105-B02 | <input type="checkbox"/> Colour fastness to light - Xenon arc | 200 € | 100 € |
| 2010810 | ISO 105-B04 | <input type="checkbox"/> Colour fastness to light - Xenon arc | 200 € | 100 € |
| 2010833 | ISO 105-C06/C2S | <input type="checkbox"/> Colour fastness to washing 60° | 200 € | 100 € |
| 2010735 | ISO 105-X12 | <input type="checkbox"/> Colour fastness to rubbing - Crockmeter | 200 € | 100 € |
| 2010834 | ISO 105-C08 | <input type="checkbox"/> Colour Fastness to washing | 200 € | 100 € |
| 2010835 | ISO 105-D01 | <input type="checkbox"/> Colour Fastness to dry cleaning | 200 € | 100 € |
| 2010752 | ISO 105-E01 | <input type="checkbox"/> Colour Fastness to water | 200 € | 100 € |
| 2010736 | ISO 105-E04 | <input type="checkbox"/> Colour Fastness to perspiration | 200 € | 100 € |
| 2010992 | ISO 105-E06 | <input type="checkbox"/> ° Colour fastness to spotting: Alkali | 200 € | 100 € |
| 2010993 | ISO 105-P01 | <input type="checkbox"/> ° Colour fastness by dry heat | 200 € | 100 € |



The accreditation only applies to the determined content of the scope of the certificate.

Determination of fibre blends:

| | | | | |
|---------|-------------------|---|-------|-------|
| 2010974 | freely selectable | <input type="checkbox"/> Qualitative determination of a fibre blend | 200 € | 100 € |
| 2011001 | ISO 17751-1,-2 | <input type="checkbox"/> ° Quantitative analysis of cashmere, wool, other specialty animal fibers (Light microscopy and Scanning electron microscopy) | 200 € | 100 € |
| 2010737 | ISO 1833-11 | <input type="checkbox"/> Quantitative determination of a fibre blend Polyester fibres/cotton | 200 € | 100 € |
| 2010776 | ISO 1833-12 | <input type="checkbox"/> Quantitative determination of a fibre blend Acrylic fibres/other fibres | 200 € | 100 € |
| 2010738 | ISO 1833-4 | <input type="checkbox"/> Quantitative determination of a fibre blend Protein fibres/other fibres | 200 € | 100 € |
| 2010739 | ISO 1833-6 | <input type="checkbox"/> Quantitative determination of a fibre blend Viscose fibres/other fibres | 200 € | 100 € |
| 2010740 | ISO 1833-7 | <input type="checkbox"/> Quantitative determination of a fibre blend Polyamide fibres/other fibres | 200 € | 100 € |

Coated fabrics: [NEW!]

| | | | | |
|---------|------------|--|-------|-------|
| 2010990 | ISO 32100 | <input type="checkbox"/> Flex resistance (flexometer) | 235 € | 110 € |
| 2010991 | ISO 1421 | <input type="checkbox"/> Tensile strength and elongation | 235 € | 110 € |
| 2010150 | ISO 2286-3 | <input type="checkbox"/> ° Thickness | 235 € | 110 € |
| 2010086 | ISO 7854-A | <input type="checkbox"/> ° Damage resistance by flexing (De Mattia) | 290 € | 110 € |
| 2010088 | ISO 7854-C | <input type="checkbox"/> ° Damage resistance by flexing (crumple/flex) | 290 € | 110 € |
| 2010090 | ISO 5470-2 | <input type="checkbox"/> ° Abrasion resistance (Martindale) | 290 € | 110 € |

Microbiology textile: [NEW!]

| | | | | |
|---------|----------------------|---|-------|-------|
| 2010076 | AATCC 100 | <input type="checkbox"/> ° Antimicrobial Fabric Test | 300 € | 150 € |
| 2010078 | AATCC 147 | <input type="checkbox"/> ° Antibacterial Parallel Streak | 300 € | 150 € |
| 2010080 | ISO 20743 / AATCC 90 | <input type="checkbox"/> ° Antibacterial Activity | 300 € | 150 € |
| 2010082 | EN 16615 | <input type="checkbox"/> ° 4-field test / microbial reduction textile | 300 € | 150 € |

Additives | Pollutants: (deviating sample shipment!)

| | | | | |
|---------|---------------|--|-------|-------|
| 2010324 | not specified | <input type="checkbox"/> Extractable heavy metals in textiles [Jul-19] | 359 € | 133 € |
| 2010185 | not specified | <input type="checkbox"/> Formaldehyde in textiles [May-19] | 359 € | 133 € |
| 2010326 | not specified | <input type="checkbox"/> Flameretardents in textiles [Dec-19] | 359 € | 133 € |
| 2010328 | EN 14362-1 | <input type="checkbox"/> Azo dyes in textiles [Nov-19] | 359 € | 133 € |

Dates and prices

Sample shipment:

27.-31. May 2019

Reporting Deadline:

9. August 2019

* Price for report by postal delivery + 40,00 €/ prices shall be net, plus value-added tax

Questions and suggestions

Do not hesitate to contact the DRRR-team:

Thorsten Helbig
+49(0)831/960 878-77
thorsten.helbig@drrr.de

Stefanie Beyer
+49(0)831/960 878-87
stefanie.beyer@drrr.de

Personal protective equipment (PPE): Registration for 2019

In cooperation with:



Schedule 2019

Protective clothing (general): [NEW!]

| Art. no. | Standard | Proficiency testing type | Price* | Add. samples |
|----------|-----------|--|--------|--------------|
| 2010092 | ISO 14419 | <input type="checkbox"/> ° Oil repellency | 290 € | 110 € |
| 2010094 | EN 863 | <input type="checkbox"/> ° Puncture resistance | 290 € | 110 € |
| 2010096 | EN 1149-1 | <input type="checkbox"/> ° Surface resistivity | 290 € | 110 € |
| 2010098 | EN 1149-2 | <input type="checkbox"/> ° Vertical resistance | 290 € | 110 € |
| 2010100 | EN 1149-3 | <input type="checkbox"/> ° Charge decay | 290 € | 110 € |
| 2010102 | ISO 15025 | <input type="checkbox"/> ° Limited flame spread | 290 € | 110 € |
| 2010104 | ISO 9185 | <input type="checkbox"/> ° Resistance to molten metal splash | 290 € | 110 € |



The accreditation only applies to the determined content of the scope of the certificate.

High visibility clothing (ISO 20471): [NEW!]

| Tests should be done in new state (without pretreatment): | | | | |
|---|-----------------|--|-------|-------|
| 2010106 | ISO 20471 / 5.1 | <input type="checkbox"/> ° Color measurement (background material) | 290 € | 110 € |
| 2010108 | ISO 20471 / 6.1 | <input type="checkbox"/> ° Retroreflection of (retroreflective material) | 290 € | 110 € |

Sample shipment:

27.-31. May 2019

Reporting Deadline:

9. August 2019

Protective clothing against rain: [NEW!]

| | | | | |
|---------|-----------------------------|--|-------|-------|
| 2010110 | EN 343 5.1.3.4 / 5.1.3.5 | <input type="checkbox"/> ° Resistance to water penetration after pretreatment flexing and fuel / oil | 290 € | 110 € |
|---------|-----------------------------|--|-------|-------|

* Price for report by postal delivery + 40,00 €/ prices shall be net, plus value-added tax

° This Proficiency test is currently not within our scope of accreditation

Additional samples are required for the following tests:

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

- Report by postal delivery (+ 40,00 €/Proficiency Test)
 An offer with the total costs is needed
 A Purchase order from the purchasing department will follow

If you register for a large number of Proficiency tests please contact us for special prices!

Registration by e-mail: info@DRRR.de

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

Questions and suggestions

Do not hesitate to contact the DRRR-team:

Thorsten Helbig
+49(0)831/960 878-77
thorsten.helbig@drrr.de

Stefanie Beyer
+49(0)831/960 878-87
stefanie.beyer@drrr.de

company
company (additional line)
contact person
street
post code / city
country
email
VAT-ID (EU)

Date: