

Cocoa, chocolate and other food matrices

Proficiency testing 2026

Accreditation ISO/IEC 17043 (A2LA)

The DRRR is an accredited proficiency testing provider by A2LA according to ISO/IEC 17043:2023. The accreditation is only valid for the matrices/parameters listed on the A2LA scope of accreditation [5494.01]. Whether a proficiency test is covered or not covered by the scope of accreditation by A2LA can be viewed in our online portal (ODIN).

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.



Accreditation DIN EN ISO/IEC 17043 (DAkkS)

The DRRR is an accredited proficiency testing provider by DAkkS according to DIN EN ISO/IEC 17043:2023. The accreditation is valid only for the scope listed in the annex of the accreditation certificate [D-EP-17063-01-00]. Whether a proficiency test is covered or not covered by the scope of accreditation by DAkkS can be viewed in our online portal (ODIN).

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Your benefits - DRRR Programme

Our proficiency testing covers a very wide range of different tests and analyses (chemical-physical and immunological, molecular biological & microbiological) in the field of cocoa and chocolate, sweets, ready-to-eat meals, simulated microbiological evaluation and many other food matrices. This means you can benefit from our high quality standards in all important test areas:

In 2026, we offer over 35 proficiency testing programmes in the above-mentioned areas.

By participating in proficiency testing, you can benefit from an objective and independent comparison of your quality and performance in the laboratory routine. Participation in DRRR proficiency testing offers you a number of advantages:

- Participation in proficiency testing is required by various institutions
- Participants can compare, secure and improve their own performance/quality
- Comparison of the method used with those of other laboratories
- Proof of reliable laboratory performance vis-à-vis customers and certification bodies
- Cost savings in laboratory development and maintenance
- Saving of labour time in the laboratory and many other advantages



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Registration/information

Simply brilliant, your proficiency testing with ODIN.

Convenient proficiency testing participation with ODIN easy, safe and clearly

- Direct booking of proficiency testing schemes in our online catalogue
- Overview about the registered proficiency testing schemes
- Fast and secure submission of your results via ODIN
- Online access to individual customers reports and certificates

For questions and suggestions do not hesitate to contact us!

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Proficiency testing - chemical-physical

Art. no.	Proficiency testing type ^[A]	Parameters [*]	Period	To view pricing information:
Cocoa and chocolate				Login or register
2010025	Chocolate	☐ total fat [g/100 g], milk fat [g/100 g], crude protein (N x 6,25) [g/100 g], water content [g/100 g], lactose (monohydrate) [g/100 g], sucrose (anhydrous) [g/100 g], theobromine [mg/100 g], caffeine [mg/100 g], dry matter [g/100 g], acrylamide (CAS 79-06-1) [µg/kg] (all quantitative)	Feb-26	
2010249	Pesticides in chocolate	☐ Malathion (CAS 121-75-5) [mg/kg], chlorpyrifos (CAS 2921-88-2) [mg/kg], metalaxyl (CAS 57837-19-1) [mg/kg], glyphosate (CAS 1071-83-6) [mg/kg] (all quantitative)	Oct-26	
2010337	Metals in cocoa and chocolate	☐ lead (Pb) [mg/kg], cadmium (Cd) [mg/kg], arsenic (As) [mg/kg], copper (Cu) [mg/kg], zinc (Zn) [mg/kg], iron (Fe) [mg/kg], mercury (Hg) [mg/kg], aluminium (Al) [mg/kg], nickel (Ni) [mg/kg] (all quantitative)	Oct-26	
2010590	Mineral oil in cocoa butter and chocolate	☐ MOSH C10-C16 [mg/kg], MOSH C16-C20 [mg/kg], MOSH C20-C25 [mg/kg], MOSH C25-C35 [mg/kg], MOSH C35-C40 [mg/kg], MOSH C40-C50 [mg/kg], MOAH C10-C16 [mg/kg], MOAH C16-C25 [mg/kg], MOAH C25-C35 [mg/kg], MOAH C35-C50 [mg/kg], MOSH C10-C50 [mg/kg], MOAH C10-C50 [mg/kg] (all quantitative)	Jul-26	
Declaration nutrition values				
2010451	Declaration nutrition values with 2 different food stuff	☐ energy value [kJ/100 g], protein [g/100 g], carbohydrate [g/100 g], sugar [g/100 g], fat [g/100 g], saturated fatty acids [g/100 g], fibre [g/100 g], salt [g/100 g] (all quantitative)	Sep-26	
Food matrices (other) - NEW!				
2011359	Sudan dyes in spices	☐ identification of sudan dyes (all qualitative)	Dec-26	
2011360	Melatonin in dietary supplements	☐ melatonin (CAS 73-31-4) [mg/kg] (all quantitative)	Dec-26	
Food matrices (other)				
2010459	Mustard	☐ dry matter [g/ 100 g], total acid (pH 8.1) calculated as acetic acid [g/ 100 g], sodium chloride [g/100 g], allyl isothiocyanate [mg/100 g], sulfur dioxide (SO2) [mg/kg], total fat [g/100 g] (all quantitative)	Dec-26	
2010327	Sugar free candies	☐ glucose (anhydrous) [g/100 g], fructose (anhydrous) [g/100 g], sucrose (anhydrous) [g/100 g], water content [g/100 g] (all quantitative)	Dec-26	
2010347	Pyrrolizidine alkaloids in spices and tea	☐ Screening for at least 9 different pyrrolizidine alkaloids, e.g. monocrotaline, heliotrine, retrorsine (all quantitative)	Oct-26	
2010349	Nicotine replacement products	☐ nicotine (CAS 54-11-5) [mg/g] (all quantitative)	Aug-26	
2010498	Metals in tobacco	☐ lead (Pb) [mg/kg], cadmium (Cd) [mg/kg], arsenic (As) [mg/kg], copper (Cu) [mg/kg], zinc (Zn) [mg/kg], iron (Fe) [mg/kg], mercury (Hg) [mg/kg], aluminium (Al) [mg/kg], nickel (Ni) [mg/kg] (all quantitative)	Aug-26	
2011087	Peanut butter	☐ dry matter [g/100 g], ash [g/100 g], total fat [g/100 g], crude protein (N x 6,25) [g/100 g], pH value [g/100 g], sodium chloride [g/100 g], total sugar (anhydrous) [g/100 g], fibre [g/100 g] (all quantitative)	Dec-26	
2011160	PAHs in herbs and spices	☐ benzo[a]pyrene (CAS 50-32-8) [µg/kg], benzo[a]anthracene (CAS 56-55-3) [µg/kg], benzo[b]fluoranthene (CAS 205-99-2) [µg/kg], chrysene (CAS 218-01-9) [µg/kg], sum PAK [µg/kg] (all quantitative)	May-26	
2010197	Delicatessen salad	☐ benzoic acid [mg/kg], sorbic acid [mg/kg], Methyl 4-hydroxybenzoate [mg/kg], Ethyl 4-hydroxybenzoate [mg/kg], Propyl 4-hydroxybenzoate [mg/kg], Butyl 4-hydroxybenzoate [mg/kg], n-Butyl 4-hydroxybenzoate [mg/kg], Isobutyl 4-hydroxybenzoate [mg/kg] (all quantitative)	Dec-26	

[A] = For accredited and non-accredited status please see our [Catalogue/ Shop \(ODIN\)](#)

[*] = Specified parameters correspond to the status of the catalogue publication. The binding parameters for the respective proficiency testing can be viewed in our [online portal \(ODIN\)](#).

Proficiency testing - immunological, molecular biological & microbiological

Art. no.	Proficiency testing type ^[A]	Parameters [*]	risk group	Period	To view pricing information:
Cocoa and chocolate					Login or register
2010247	Aflatoxins in chocolate	☐ aflatoxin B1 [µg/kg], aflatoxin B2 [µg/kg], aflatoxin G1 [µg/kg], aflatoxin G2 [µg/kg], total aflatoxin content [µg/kg] (all quantitative)		Sep-26	
2010144	Detection of Salmonella spp. in chocolate	☐ Salmonella spp. (all qualitative)		Mar-26	
Food matrices (other) - NEW!					
2011340	Microbial count by flow cytometry	☐ number of living, bacteria cells [cells/ml] (all quantitative)		Jul-26	
2011341	Biochemical confirmation procedures in microbiology	☐ Gram stain [positive/negative], Oxidase test [positive/negative], Katalase test [positive/negative] (all qualitative)		Jul-26	
These are proficiency tests that focus purely on testing techniques. A test simulant is used as the matrix.					
2011343	Ready to eat meals - enumeration of Coliform bacteria	☐ Coliforms [cfu/g], aerobic total count [cfu/g] (all quantitative)		Sep-26	
2011344	Ready to eat meals - enumeration coagulase pos. Staphylococcus	☐ coagulase pos. Staphylococcus [cfu/g], aerobic total count [cfu/g] (all quantitative)		Sep-26	
2010536	Enumeration of osmophilic yeasts in sweets	☐ osmophilic yeasts [cfu/g], aerobic total count [cfu/g] (all quantitative)		Apr-26	
2010538	Enumeration of osmophilic moulds in sweets	☐ osmophilic moulds [cfu/g], aerobic total count [cfu/g] (all quantitative)		Apr-26	
Food matrices (other)					
2010513	Ready-to-eat meals - detection of Listeria	☐ L. monocytogenes qualitative (all qualitative)		Aug-26	
2010515	Detection of Salmonella spp. in spices	☐ Salmonella spp. (all qualitative)		Dec-26	
2010313	Porcine DNA in Candy	☐ identification of the animal species pork (all quantitative)		Dec-26	
2010588	Porcine and beef DNA in gelatine	☐ identification of the animal species pork, identification of the animal species beef (all quantitative)		Dec-26	
2011090	Aflatoxins in nuts	☐ aflatoxin B1 [µg/kg], aflatoxin B2 [µg/kg], aflatoxin G1 [µg/kg], aflatoxin G2 [µg/kg], total aflatoxin content [µg/kg] (all quantitative)		Oct-26	
2011091	Aflatoxins in spices	☐ aflatoxin B1 [µg/kg], aflatoxin B2 [µg/kg], aflatoxin G1 [µg/kg], aflatoxin G2 [µg/kg], total aflatoxin content [µg/kg] (all quantitative)		Dec-26	
Simulated microbiological evaluation					
2011198	Simulated evaluation aerobic total count	☐ colony enumeration aerobic total count [CFU] (quant.), calculation of microbial load [-] (qual.)		Jul-26	
2011199	Simulated evaluation aerobic spore-forming bacteria	☐ colony enumeration aerobic spore-forming bacteria [CFU] (quant.), calculation of microbial load [-] (qual.)		Jul-26	
2011200	Simulated evaluation yeasts	☐ colony enumeration yeasts [CFU] (quant.), calculation of microbial load [-] (qual.)		Jul-26	
2011201	Simulated evaluation mould	☐ colony enumeration moulds [CFU] (quant.), calculation of microbial load [-] (qual.)		Jul-26	
2011202	Simulated evaluation lactic acid bacteria	☐ colony enumeration lactic acid bacteria [CFU] (quant.), calculation of microbial load [-] (qual.)		Jul-26	
2011203	Simulated evaluation Sulfite-reducing clostridia	☐ colony enumeration Sulfite-reducing clostridia [CFU] (quant.), calculation of microbial load [-] (qual.)		Jul-26	
2011204	Simulated evaluation E.coli and Coliforms	☐ colony enumeration E.coli [CFU] (quant.), colony enumeration Coliforms [CFU] (quant.), calculation of microbial load [-] (qual.)		Jul-26	
Performance testing culture media					
2011336	Performance testing solid culture media – productivity (EN ISO 11133)	☐ productivity [cfu] (all quantitative)		Sep-26	

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registration form proficiency testing

Additional samples are required for the following tests:

Quantity **Art. No. / Proficiency testing type**

For questions and suggestions do not hesitate to contact the DRRR-team!

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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).**

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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.

- ☐ 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

Order 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.

DRRR-customer number

company

additional line

contact person

street

post code / city

country

email

VAT-ID (EU)

Date:

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