Fats, oils and oilseeds
Proficiency testing 2026

Deutsches Referenzbüro für Ringversuche und Referenzmaterialien

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 fats, oils and oilseeds. This means you can benefit from our high quality standards in all important test areas:

In 2026, we offer 18 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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ODIN
Online Data Information Network

Proficiency testing - chemical-physical

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Art. no.	Proficiency testing type [A]		Parameters [*]	Period	To view pricing information:
	Fats, oils and oilseeds - NEW!				Login or register
2011362	**Vitamins in edible oils**	☐	retinol (vitamin A) as all-E-retinol [µg/100 g], total vitamin D [µg/100 g], α-tocopherol (vitamin E) [mg/100 g], vitamin K1 [µg/100 g] (all quantitative)	Sep-26	
2011363	**Mineral oil in oil seeds**	☐	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)	Sep-26	
	Fats, oils and oilseeds				
2011281	**Edible oils - trace elements**	☐	phosphorus (P) [mg/kg], sodium (Na) [mg/kg], calcium (Ca) [mg/kg], magnesium (Mg) [mg/kg], iron (Fe) [mg/kg], copper (Cu) [mg/kg] (all quantitative)	Jun-26	
2011118	**Pesticides in hemp seeds**	☐	Identification of various pesticides (qual.), Quantification of the identified pesticides [mg/kg] (quant.)	Oct-26	
2010457	**Edible fat - fatty acid profile**	☐	fatty acid C 14:0 [g/100 g total fatty acids], fatty acid C 16:0 [g/100 g total fatty acids], fatty acid C 16:1 [g/100 g total fatty acids], fatty acid C 17:0 [g/100 g total fatty acids], fatty acid C 17:1 [g/100 g total fatty acids], fatty acid C 18:0 [g/100 g total fatty acids], fatty acid C 18:1 [g/100 g total fatty acids], fatty acid C 18:2 [g/100 g total fatty acids], fatty acid C 18:3 [g/100 g total fatty acids], fatty acid C 20:0 [g/100 g total fatty acids], fatty acid C 20:1 [g/100 g total fatty acids], fatty acid C 20:2 [g/100 g total fatty acids], fatty acid C 22:0 [g/100 g total fatty acids], fatty acid C 22:1 [g/100 g total fatty acids], fatty acid C 22:2 [g/100 g total fatty acids], fatty acid C 24:0 [g/100 g total fatty acids], fatty acid C 24:1 [g/100 g total fatty acids], Sum of the trans-fatty acids (TFA) [g/100 g total fatty acids] (all quantitative)	Oct-26	
2010710	**Edible fat**	☐	iodine value [g iodine / 100 g fat], acid value [mg KOH/g fat], peroxide value [mEq active oxygen/kg], saponification value [mg KOH/g fat], free fatty acids [mg/100 g], p-anisidine value [AV], Refractive Index [nD], water content [g/100 g] (all quantitative)	Oct-26	
2010157	**PAHs in animal and vegetable fats and oils**	☐	benzo[a]pyrene (CAS 50-32-8) [µg/kg], benzo[a]anthracene (CAS 56-55-3) [µg/kg], chrysene (CAS 218-01-9) [µg/kg], benzo[b]fluoranthene (CAS 205-99-2) [µg/kg], sum of PAHs [µg/kg] (all quantitative)	Oct-26	
2010500	**MCPD and glycidol in edible oil**	☐	3-MCPD (sum of 3-MCPD and 3-MCPD fatty acid esters) [µg/kg], glycidyl fatty acid esters, expressed as glycidol [µg/kg] (all quantitative)	Nov-26	
2010941	**Cannabinoids in hemp seeds**	☐	Cannabidiol (CBD) (CAS 13956-29-1) [mg/kg], Delta-9-tetrahydrocannabinol (d9-THC) (CAS 1972-08-03) [mg/kg] (all quantitative)	Jun-26	
2010959	**Phthalates in edible oil**	☐	DINP (CAS 28553-12-0) [mg/kg], DEHP (CAS 117-81-7) [mg/kg], DNOP (CAS 117-84-0) [mg/kg], DIDP (CAS 26761-40-0) [mg/kg], BBP (CAS 85-68-7) [mg/kg], DBP (CAS 84-74-2) [mg/kg], DIBP (CAS 84-69-5) [mg/kg], DPP (CAS 131-18-0) [mg/kg], DIHP (CAS 71888-89-6) [mg/kg], DMEP (CAS 117-82-8) [mg/kg] (all quantitative)	Oct-26	
2011092	**Alternaria toxins in vegetable oils**	☐	alternariol (AOH) (CAS 641-38-3) [µg/kg], alternariol monomethyl ether (AME) (CAS 23452-05-3) [µg/kg], tenuazonic acid (TEA) (CAS 610-88-8) [µg/kg], tentoxin (TEN) (CAS 28540-82-1) [µg/kg] (all quantitative)	Nov-26	
2011094	**Pesticides in oilseeds**	☐	identification of various pesticides (qual.), quantification of the identified pesticides [mg/kg] (quant.)	Oct-26	
2010320	**Mineral oil in edible fats**	☐	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	
2011135	**Mineral oil in edible oils**	☐	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)	Dec-26	
2011150	**MOAH - quantification acc. number of aromatic rings**	☐	Monoaromatic MOAH [mg/kg], Diaromatic MOAH [mg/kg], Tri/Polyaromatic MOAH [mg/kg], MOAH C10-C50 [mg/kg], Total Terpenes and/or other natural interferences [mg/kg], PP PO(S)H [mg/kg], PE PO(S)H [mg/kg], Polyalphaolefins (PAO) [mg/kg], MOSH C10-C50 [mg/kg], Total Hydrocarbons (MOSH Fraction) [mg/kg], MOAH C10-C50 (LC-GC-FID) [mg/kg], MOSH C10-C50 (LC-GC-FID) [mg/kg] (all quantitative)	Sep-26	
2011280	**Hydrocyanic acid in linseed**	☐	hydrocyanic acid [mg/kg] (all quantitative)	Jun-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

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Art. no.	Proficiency testing type [A]		Parameters [*]	risk group	Period	To view pricing information:
Fats, oils and oilseeds						Login or register
2010720	**Soy (GMO)**	☐	Detection of screening elements P-35S, T-NOS and P-FMV, relative amount GTS 40-3-2 [%], relative amount MON 89788 [%] (all quantitative)		Nov-26	
2010145	**Canola (GMO)**	☐	Detection of screening elements T-NOS, CTP2-CP4EPSPS and P-FMV, relative amount 73496 [%], relative amount GT73 [%] (all quantitative)		Dec-26	

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registration form proficiency testing

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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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info@DRRR.de

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. Cancelation 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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