List of accredited procedures within the flexible scope of the testing laboratory

From the annex to the accreditation certificate D-PL-22162-01-00 according to DIN EN ISO/IEC 17025:2018 dated 01.08.2024 and all flexibly accredited test methods.

Status of the list: 26.08.2024

Test object: Foodstuffs
Test type: 1.1 Sample preparation
Test parameter: organic compounds
Category: III

Procedure-ID/Method	Release date	Title, reference to standard, deviation from standard	W-SOP	version	valid since
DGF C-VI 11a (16)	2016	German standard methods for the analysis of fats and fat products - Special methods - Fatty acid methyl ester transmethylation with boron trifluoride (BF3) (Modification:Dissolving process sample in toluene)	3003	2.1.0	2024-04

Test object: Foodstuffs
Test type: 1.2 Determination of ingredients in foods using liquid chromatography with conventional detector (DAD)
Test parameter: organic compounds
Category: II

Procedure-ID/Method	Release date	Title, reference of standard, deviation from standard	W-SOP	version	valid since
ASU L 47.00-6	2014-02	Analysis of foodstuffs - Analysis of tea and solid tea extract - Determination of caffeine content - HPLC method	1017	2.0.1	2022-09
ASU L 47.08-1/1	2002-05	Analysis of foodstuffs - Determination of theobromine and caffeine content of liquid tea beverages - Part 1: HPLC routine procedure	1014	1.0.1	2022-04
W-1001	2024-08	Determination of cannabinoids in hemp and hemp products by gradient HPLC-DAD	1001	2.0.0	2024-08
W-1002	2024-08	Determination of astaxanthin after enzymatic hydrolysis by HPLC in foodstuffs and feedstuffs (Restriction:Here only in foodstuffs)	1002	1.2.0	2024-08

Test object: Foodstuffs
Test type: 1.3 Determination of ingredients in foods using gas chromatography with conventional detector (FID)
Test parameter: organic compounds
Category: II

Procedure-ID/Method	Release date	Title, reference of standard, deviation from standard	W-SOP	version	valid since
DGF C-VI 10a (23)	2023	German standard methods for the analysis of fats and fat products - Special methods - Gas chromatography: Analysis of fatty acids and fatty acid distribution	3003	2.1.0	2024-04
W-1008	2022-07	Determination of hemp flavours (including terpenes) in hemp and hemp products using GC-FID	1008	2.2.0	2022-07
W-2003	2024-08	Determination of solvent residues in lipophilic matrix by HS-GC-FID	2003	4.0.0	2024-08

Test object: Foodstuffs
Test type: 1.4 Gravimetric determinations of ingredients in foods
Test parameter: physico-chemical
Category: II

Procedure-ID/Method	Release date	Title, reference of standard, deviation from standard	W-SOP	version	valid since
ASU L 06.00-6	2014-08	Analysis of foodstuffs - Determination of total fat content in meat and meat products - Weibull-Stoldt gravimetric method (Modification:Matrix foodstuffs)	3002	1.2.0	2022-04
ASU L 13.05-3	2002-05	Analysis of foodstuffs - Determination of fat content in margarine and other fat spreads (Modification:Matrix foodstuffs, indicated as equivalent to scCO2 extraction)	3001	1.1.0	2022-04
ASU L 13.00-19	2004-12	Analysis of foodstuffs - Determination of unsaponifiable matter in vegetable and animal fats and oils - Method using hexane extraction	3008	1.1.1	2022-09
ASU L 13.00-20	2004-12	Analysis of foodstuffs - Determination of unsaponifiable matter in vegetable and animal fats and oils - Method using diethyl ether extraction	3011	1.1.0	2022-04
ASU L 15.00-6	2011-06	Analysis of foodstuffs - Determination of moisture content in cereals and cereal products	4012	1.0.0	2022-09
W-4004	2022-10	Determination of moisture content in plant material using microwave drying	4004	2.0.0	2022-10
ASU L 13.00-47	2019-07	Analysis of foodstuffs - Animal and vegetable fats and oils - Determination of the conventional mass per volume (litre weight in air)	4002	2.1.2	2024-03

Test object: Foodstuffs
Test type: 1.5 Titrimetric determination of parameters, ingredients and additives
Test parameter: physico-chemical
Category: I

Procedure-ID/Method	Release date	Title, reference of standard, deviation from standard	W-SOP	version	valid since
DIN EN ISO 8534	2017-05	Animal and vegetable fats and oils - Determination of water content - Karl Fischer method (pyridine-free)	3010	1.4.0	2023-10
ASU L 13.00-5	2012-01	Analysis of foodstuffs - Determination of acid number and acidity of animal and vegetable fats and oils	3007	1.5.0	2023-02
ASU L 13.00-10	2019-07	Analysis of foodstuffs - Animal and vegetable fats and oils - Determination of the iodine value	3004	1.1.0	2022-04
ASU L 13.00-18	2021-03	Analysis of foodstuffs - Determination of saponification number in animal and vegetable fats and oils	3006	1.2.0	2022-11
ASU L 13.00-40	2012-01	Analysis of foodstuffs - Animal and vegetable fats and oils - Determination of the peroxide value - Potentiometric endpoint determination (Modification:Solvent mixture CHC13:AcOH 2:3)	3005	1.4.0	2023-08

Test object: Foodstuffs
Test type: 1.6 Further physico-chemical analyses of foods
Test parameter: physico-chemical
Category: III

Procedure-ID/Method	Release date	Title, reference of standard, deviation from standard	W-SOP	version	valid since
ASU L 13.00-28	2018-10	Analysis of foodstuffs - Animal and vegetable fats and oils - Determination of the anisidine value	4005	1.0.1	2022-04
ASU L 13.00-15	2018-06	Analysis of foodstuffs - Determination of the refractive index of animal and vegetable fats and oils	3014	1.1.0	2022-09

List of accredited procedures within the flexible scope of the testing laboratory

Test object:	**Foodstuffs**
Test type:	**1.7 Determination of ingredients, residues and contaminants using liquid chromatography with mass-selective detector (MS/MS)**
Test parameter:	**organic compounds**
Category:	**II**

Procedure-ID/Method	Release date	Title, reference of standard, deviation from standard	W-SOP	version	valid since
ASU L 00.00-34	2010-09	Analysis of foodstuffs - Modular multi-method for the determination of plant protection product residues in foodstuffs (revised and extended version of DFG Method S 19)	2001	3.1.0	2024-03
W-2002	2023-03	Determination of plant protection product residues (LC-MS/MS) in lipophilic matrices and plant materials with increased fat content (Matrix: Lipophilic extracts (e.g. from ethanol extraction, scCO2 extraction and plant materials with a fat content > 50%)	2002	2.0.0	2023-03
W-2005	2024-08	Determination of cannabinoid residues in foodstuffs and feedstuffs by LC-MS/MS	2005	2.0.0	2024-08
W-1021	2024-03	Determination of selected polyphenols in plant materials by LC-MS/MS (Restriction: here for foodstuffs)	1021	1.1.0	2024-03
W-2008	2024-03	Determination of pesticide residues in raw hops, hop pellets and extracts by LC-MS/MS	2008	1.1.0	2024-03

Test object:	**Foodstuffs**
Test type:	**1.8 Determination of residues and contaminants using gas chromatography with mass-selective detector (MS, MS/MS)**
Test parameter:	**organic compounds**
Category:	**II**

Procedure-ID/Method	Release date	Title, reference of standard, deviation from standard	W-SOP	version	valid since
ASU L 00.00-34	2010-09	Analysis of foodstuffs - Modular multi-method for the determination of plant protection product residues in foodstuffs (revised and extended version of DFG Method S 19)	2001	3.1.0	2024-03
W-2004	2024-08	Determination of polycyclic aromatic hydrocarbons (PAHs) in fatty foodstuffs and feedstuffs by GC-MS	2004	1.2.0	2024-08
W-2010	2024-01	Plasticizer in lipophilic matrix by GC-MS/MS	2010	1.1.0	2024-01
W-2008	2024-03	Determination of pesticide residues in raw hops, hop pellets and extracts by GC-MS/MS	2008	1.1.0	2024-03

Test object:	**feedstuffs**
Test type:	**2.1 Sample preparation**
Test parameter:	**organic compounds**
Category:	**III**

Procedure-ID/Method	Release date	Title, reference of standard, deviation from standard	W-SOP	version	valid since
DGF C-VI 11a (16)	2016	German standard methods for the analysis of fats and fat products - Special methods - Fatty acid methyl ester transmethylation with boron trifluoride (BF3) (Modification:Dissolving process sample in toluene)	3003	2.1.0	2024-04

Test object:	**feedstuffs**
Test type:	**2.2 Determination of ingredients in foods using liquid chromatography with conventional detector (DAD)**
Test parameter:	**organic compounds**
Category:	**II**

Procedure-ID/Method	Release date	Title, reference of standard, deviation from standard	W-SOP	version	valid since
W-1001	2024-08	Determination of cannabinoids in hemp and hemp products by gradient HPLC-DAD	1001	2.0.0	2024-08
W-1002	2024-08	Determination of astaxanthin after enzymatic hydrolysis by HPLC in foodstuffs and feedstuffs (Restriction:Here only in feedstuffs)	1002	1.2.0	2024-08

Test object:	**feedstuffs**
Test type:	**2.3 Determination of ingredients in foods using gas chromatography with conventional detector (FID)**
Test parameter:	**organic compounds**
Category:	**II**

Procedure-ID/Method	Release date	Title, reference of standard, deviation from standard	W-SOP	version	valid since
DGF C-VI 10a (23)	2023	German standard methods for the analysis of fats and fat products - Special methods - Gas chromatography: Analysis of fatty acids and fatty acid distribution	3003	2.1.0	2024-04
W-1008	2022-07	Determination of hemp flavours (including terpenes) in hemp and hemp products using GC-FID	1008	2.2.0	2022-07
W-2003	2024-08	Determination of solvent residues in lipophilic matrix by HS-GC-FID	2003	4.0.0	2024-08

Test object:	**feedstuffs**
Test type:	**2.4 Titrimetric determination of parameters, ingredients and additives**
Test parameter:	**physico-chemical**
Category:	**III**

Procedure-ID/Method	Release date	Title, reference of standard, deviation from standard	W-SOP	version	valid since
DIN EN ISO 8534	2017-05	Animal and vegetable fats and oils - Determination of water content - Karl Fischer method (pyridine-free)	3010	1.4.0	2023-10

Test object:	**feedstuffs**
Test type:	**2.5 Determination of ingredients, residues and contaminants using liquid with mass-selective detector (MS/MS)**
Test parameter:	**organic compounds**
Category:	**II**

Procedure-ID/Method	Release date	Title, reference of standard, deviation from standard	W-SOP	version	valid since
ASU L 00.00-34	2010-09	Analysis of foodstuffs - Modular multi-method for the determination of plant protection product residues in foodstuffs (revised and extended version of DFG Method S 19) (Modification:Extension to feedstuffs)	2001	3.1.0	2024-03
W-2002	2023-03	Determination of plant protection product residues (LC-MS/MS) in lipophilic matrices and plant materials with increased fat content (Matrix: Lipophilic extracts (e.g. from ethanol extraction, scCO2 extraction and plant materials with a fat content >50%)	2002	2.0.0	2023-03
W-2005	2024-08	Determination of cannabinoid residues in foodstuffs and feedstuffs by LC-MS/MS	2005	2.0.0	2024-08
W-1021	2024-03	Determination of selected polyphenols in plant materials by LC-MS/MS (Restriction:here for feedstuffs)	1021	1.1.0	2024-03
W-2008	2024-03	Determination of pesticide residues in raw hops, hop pellets and extracts by LC-MS/MS	2008	1.1.0	2024-03

List of accredited procedures within the flexible scope of the testing laboratory

Test object:	**feedstuffs**
Test type:	**2.6 Determination of residues and contaminants using gas chromatography with mass-selectivedetector (MS, MS/MS)**
Test parameter:	**organic compounds**
Category:	**II**

Procedure-ID/Method	Release date	Title, reference of standard, deviation from standard	W-SOP	version	valid since
ASU L 00.00-34	2010-09	Analysis of foodstuffs - Modular multi-method for the determination of plant protection product residues in foodstuffs (revised and extended version of DFG Method S 19) (Modification:Extension to feedstuffs)	2001	3.1.0	2024-03
W-2004	2024-08	Determination of polycyclic aromatic hydrocarbons (PAHs) in fatty foodstuffs and feedstuffs by GC-MS	2004	1.2.0	2024-08
W-2010	2024-01	Plasticizer in lipophilic matrix by GC-MS/MS	2010	1.1.0	2024-04
W-2008	2024-03	Determination of pesticide residues in raw hops, hop pellets and extracts by GC-MS/MS	2008	1.1.0	2024-03