## 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: 03.02.2025

Test object:	Foodstuffs						
Test type:	1.1 Sample preparation						
Test parameter:	organic compo	unds					
Category:	III						
Procedure-ID/Method	Release date	Title, reference to standard, deviation from standard	W-SOP	version	valid since		
DGF C-VI 11a (16)	2023	German standard methods for the analysis of fats and fat products - Special methods - Fatty acid methyl ester	3003	2.1.0	2024-04		
		transmethylation with boron trifluoride (BF3) (Modification:Dissolving process sample in toluene)					
Test object:	Foodstuffs						
Test type:		tion of ingredients in foods using liquid chromatography with conventional detector (DAD)					
Test parameter:	organic compounds						
Category: Procedure-ID/Method	II Rologgo dato	Title, reference of standard, deviation from standard	W COD	vorcion	valid since		
ASU L 47.00-6	Release date 2014-02	Analysis of foodstuffs - Analysis of tea and solid tea extract - Determination of caffeine content - HPLC method	W-SOP 1017	version 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		
ASU L 00.00-149	2014-08	Analysis of foodstuffs - Analysis of lycopene and ß-carotene in foodstuffs	1031	1.1.0	2024-09		
DIN EN 12822	2000-06	Foodstuffs - Determination of vitamin E with high performance chromatography - Determination of alpha, beta, gamma and delta tocopherol	1007	1.1.0	2023-03		
W-1030	2024-10	Determination of polyamines (Biogenic amines) in foodstuffs and feedstuffs (Restriction: Here only in foodstuffs)	1030	2.0.0	2024-10		
Test object:	Foodstuffs						
Test type:		tion of ingredients in foods using gas chromatography with conventional detector (FID)					
Test parameter:	organic compo	unds					
Category:	<u> </u>						
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	2025-01	Determination of solvent residues in lipophilic matrix by HS-GC-FID	2003	4.1.1	2025-01		
Test object:	Foodstuffs						
Test type:		c determinations of ingredients in foods					
Test parameter:	physico-chemic						
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:		determination of parameters, ingredients and additives					
Test parameter:	physico-chemic	cal					
Category:							
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	1.5.0	2024-09		
ASU L 13.00-5	2023-03	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:		ysico-chemical analyses of foods					
Test parameter:	physico-chemic	•					
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: Test type:	Foodstuffs 1.7 Determination of ingredients, residues and contaminants using liquid chromatography with mass-selective detector (MS/MS)						
Test parameter:	organic compo						
Category: Procedure-ID/Method		Title reference of shoulded deviction from standard	W COD				
ASU L 00.00-34	Release date 2010-09	Title, reference of standard, deviation from standard	W-SOP	version 3.3.0	valid since 2025-01		
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	3.3.0	2025-01		
W-2002	2025-01	Determination of plant protection product residues (LC-MS/MS) in lipophilic matrices and plant materials with increased	2002	2.2.0	2025-01		
W-2002	2023-01	fat content (Matrix: Lipophilic extracts (e.g. from ethanol extraction, scCO2 extraction and plant materials with a fat	2002	2.2.0	2025-01		
		content > 50%)					
W 200E	2025-02		2005	110	2025-02		
W-2005	2025-02	Determination of cannabinoid residues in foodstuffs and feedstuffs by LC-MS/MS (Restriction: Here only in foodstuffs)	2005	1.1.0	2025-02		
W-1021	2024-03	Determination of colored solven and in plant materials by LC NAC /NAC /Detriction, Horse for foodstriffs)	1021	1.1.0	2024-03		
W-2008	2025-01	Determination of selected polyphenols in plant materials by LC-MS/MS (Restriction: Here for foodstuffs)  Determination of pesticide residues in raw hops, hop pellets and extracts by LC-MS/MS	2008	1.3.0	2024-03		
W-2012	2025-01	Mycotoxins in foodstuffs and feedstuffs by LC-MS/MS (Restriction: Here only in foodstuffs)	2008	1.1.0	2025-01		
W-2012	2023-02	MyCotoxins in rodusturis and recusturis by EC-Mis/Mis (Restriction, Here only in rodusturis)	2012	1.1.0	2023-02		
Test object:	Foodstuffs						
Test type:		ion of residues and contaminants using gas chromatography with mass-selective detector (MS, MS/MS)					
Test parameter:	organic compo						
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	2001	3.3.0	2025-01		
100 2 00:00 3 1	2010 03	(revised and extended version of DFG Method S 19)	2001	5.5.0	2025 01		
W-2004	2024-08	Determination of polycyclic aromatic hydrocarbons (PAHs) in fatty foodstuffs and feedstuffs by GC-MS (Restriction: Here	2004	1.2.0	2024-08		
W 2004	2024 00	only in foodstuffs)	2004	1.2.0	2024 00		
W-2010	2024-11	Plasticizer in lipophilic matrix by GC-MS/MS	2010	1.2.0	2024-11		
W-2008	2025-01	Determination of pesticide residues in raw hops, hop pellets and extracts by GC-MS/MS	2008	1.3.0	2025-01		
VV-2006	2023-01	Determination of pesticide residues in raw hops, hop peners and extracts by GC-Wis/Wis	2008	1.3.0	2025-01		
Test object:	feedstuffs						
-		naration					
Test type:	2.1 Sample pre organic compo						
Test parameter:	III	unus					
Category: 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	3003	2.1.0	2024-04		
DGF C-VI 11a (10)	2016	transmethylation with boron trifluoride (BF3) (Modification:Dissolving process sample in toluene)	3003	2.1.0	2024-04		
		transmetryration with boron amadinde [bi-3] (would add on bissoring process sample in toluene)					
Test object:	feedstuffs						
-		ing of ingradients in feeder using liquid shows to graph, with a superstand data star (DAD)					
Test type:		ion of ingredients in foods using liquid chromatography with conventional detector (DAD)					
Test parameter:	organic compo	unds					
Category:	II	Title reference of shoulded deviction from standard	W COD				
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	1002	1.2.0	2024-08		
W 4020	2024.40	feedstuffs)	4020	200	2024 40		
W-1030	2024-10	Determination of polyamines (Biogenic amines) in foodstuffs and feedstuffs (Restriction: Here only in feedstuffs)	1030	2.0.0	2024-10		
T	f d - t - ff -						
Test object:	feedstuffs	ing of ingradients is foods using one shape standard with a grant and detector (FID)					
Test type:		ion of ingredients in foods using gas chromatography with conventional detector (FID)					
Test parameter:	organic compo	unas					
Category:	<u> </u>						
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	3003	2.1.0	2024-04		
		fatty acids and fatty acid distribution					
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	2025-01	Determination of solvent residues in lipophilic matrix by HS-GC-FID	2003	4.1.1	2025-01		
Test object:	feedstuffs						
Test type:		determination of parameters, ingredients and additives					
Test parameter:	physico-chemic	ral Carlo					
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	1.5.0	2024-09		
Test object:	feedstuffs						
Test type:		ion of ingredients, residues and contaminants using liquid with mass-selective detector (MS/MS)					
Test parameter:	organic compo	unds					
Category:	II						
Procedure-ID/Method	Release date	Title, reference of standard, deviation from standard	W-SOP	version			
Procedure-ID/Method		Title, reference of standard, deviation from standard  Analysis of foodstuffs - Modular multi-method for the determination of plant protection product residues in foodstuffs	<b>W-SOP</b> 2001	version 3.3.0	valid since 2025-01		
Procedure-ID/Method	Release date						
	Release date	Analysis of foodstuffs - Modular multi-method for the determination of plant protection product residues in foodstuffs			2025-01 2025-01		
Procedure-ID/Method ASU L 00.00-34	Release date 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	3.3.0	2025-01		
Procedure-ID/Method ASU L 00.00-34	Release date 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)  Determination of plant protection product residues (LC-MS/MS) in lipophilic matrices and plant materials with increased	2001	3.3.0	2025-01		
Procedure-ID/Method ASU L 00.00-34 W-2002	Release date 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)  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	2001	3.3.0	2025-01		
Procedure-ID/Method ASU L 00.00-34 W-2002	Release date 2010-09 2025-01	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)  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%)	2001 2002	3.3.0 2.2.0	2025-01 2025-01		
Procedure-ID/Method ASU L 00.00-34	Release date 2010-09 2025-01	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)  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%)	2001 2002	3.3.0 2.2.0	2025-01 2025-01		

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2025-01	Determination of pesticide residues in raw hops, hop pellets and extracts by LC-MS/MS	2008	1.3.0	2025-01
2025-02	Mycotoxins in foodstuffs and feedstuffs by LC-MS/MS (Restriction: Here only in feedstuffs)	2012	1.1.0	2025-02

Test object:	feedstuffs						
Test type:	2.6 Determinat	ion of residues and contaminants using gas chromatography with mass-selectivedetector (MS, MS/MS)	AS)				
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	2001	3.3.0	2025-01		
		(revised and extended version of DFG Method S 19) (Modification:Extension to feedstuffs)					
W-2004	2024-08	Determination of polycyclic aromatic hydrocarbons (PAHs) in fatty foodstuffs and feedstuffs by GC-MS (Restriction: Here	2004	1.2.0	2024-08		
		only in feedstuffs)					
W-2010	2024-01	Plasticizer in lipophilic matrix by GC-MS/MS	2010	1.2.0	2024-11		
W-2008	2025-01	Determination of pesticide residues in raw hops, hop pellets and extracts by GC-MS/MS	2008	130	2025-01		

W-2008 W-2012