Person in charge Mr. J. Hein - 3469

ASM Mr. J. Hein - 3469

Analytical report AR-24-FJ-007878-01

Sample Code 716-2024-00006809

Reference	Organic RBD Coconut Oil Lot/ Batch no.: RBD24094 Packing Type: Heatable paper IBCs No. of units: 20 Total Qty: 18.4 MT Supplier: Agri Exim Global Philippines Inc. Buyer: Ingo Steyer GmbH & Co. KG Date of Sampling: 13 March 2024 Location of Sampling: Warehouse resp. factory
Sample sender	Frau Laura Michnick
Prescriber	Frau Laura Michnick
Reception date time	21.03.2024
Transport by	DHL 9721450130
Client sample code	PO: 35645/3
Packaging	glass container with screw closure
Number	2
Amount	1610 g
Input temperature	Room temperature
Start analysis	26/03/2024
End analysis	04/04/2024

Test results

Sensory Analysis

JJF1R Sensory Analysis
Method DGF C-II 1:2020, PV 00094, Organoleptic evaluation
Subcontracted to a Eurofins laboratory accredited for this test.

sensory indication
Number of judges
3

Analytical report AR-24-FJ-007878-01
Sample Code 716-2024-00006809

Appearance
cream coloured, semi-solid fat
Odour
characteristic
Taste
characteristic
not fishy, rancid or soap-like

category: 4

Physical-chemical Analysis

J1001 Sample preparation
Method DIN EN 13805 (2014-12), mod., CON-PV 00001 (2023-09), Digestion (microwave)
Subcontracted to a Eurofins laboratory accredited for this test.

J8306 Lead (ICP-MS, food)
Method DIN EN 15763:2010 (2010-04), mod., CON-PV 01274 (2023-09), ICP-MS
Subcontracted to a Eurofins laboratory accredited for this test.

Lead (Pb)	< 0 .05	mg/kg

J8308 Cadmium (Cd)
Method DIN EN 15763:2010 (2010-04), mod., CON-PV 01274 (2023-09), ICP-MS
Subcontracted to a Eurofins laboratory accredited for this test.

Cadmium (Cd)	< 0 .01	mg/kg

JCHG2 Mercury (Hg)
Method DIN EN 15763:2010 (2010-04), mod., CON-PV 01274 (2023-09), ICP-MS
Subcontracted to a Eurofins laboratory accredited for this test.

Mercury (Hg)	< 0 .005	mg/kg

JCMEF Mineral oil (MOSH, POSH, MOAH)
Method Internal Method, CON-PV 01317 (2023-08), LC-GC-FID
Subcontracted to a Eurofins laboratory accredited for this test.

MOSH/POSH (saturated, short chain) C10-16	< 1 .0	mg/kg
MOSH/POSH (saturated, medium chain) C16-20	< 1 .0	mg/kg
MOSH/POSH (saturated, longer chain) C20-25	< 1 .0	mg/kg
MOSH/POSH (saturated, longer chain) C25-35	5 .3	mg/kg
MOSH/POSH (saturated, longer chain) C35-40	1 .5	mg/kg
MOSH/POSH (saturated, longer chain) C40-50	< 1 .0	mg/kg
MOSH/POSH C10-50	8 .2	mg/kg
MOSH/POSH detected in the range of	C22-C58	
MOAH (aromatic) C10-16	< 1 .0	mg/kg
MOAH (aromatic) C16-25	< 1 .0	mg/kg
MOAH (aromatic) C25-35	< 1 .0	mg/kg
MOAH (aromatic) C35-50	< 1 .0	mg/kg
MOAH C10-50	< 1 .0	mg/kg

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MOAH detected in the range of		-	

JC10U PAH 4
Method Internal Method, CON-PV 01176 (2023-03), GC-MS/MS
Subcontracted to a Eurofins laboratory accredited for this test.

Sum PAH 4	non calculable/incalculable		µg/kg
Benzo(a)pyrene		< 0 .5	µg/kg
Benzo(b)fluoranthene		< 0 .5	µg/kg
Benz(a)anthracene		< 0 .5	µg/kg
Chrysene		< 0 .5	µg/kg

LG0W8 water content
Method ISO 760:1978-12 mod., SOP:00.11112.L, 1978-12, Karl-Fischer (titrimetry)
Subcontracted to a Eurofins laboratory accredited for this test.

Moisture		0 .05	g/100 g

SFG0L Pesticide screening in oil
Method Internal Method, LA-GCMS-552-02, GC-MS/MS
Subcontracted to a Eurofins laboratory accredited for this test.

Screened pesticides		< L .Q.	*

Microbiological Analysis

UMW67 Moulds/Yeasts (aw ≤ 0.95) <100 >15 000 /g ISO 21527-2
Method ISO 21527-2, 2008-07, E-Cultural technique (non-chromogenic media)
Subcontracted to a Eurofins laboratory accredited for this test.

Yeasts 25°C		< 100	cfu/g
Moulds 25°C		< 100	cfu/g

UMH7G Escherichia coli <10 >1 500 /g ISO 16649-2
Method ISO 16649-2:, DIN ISO 16649-2: 2020-12 , E-Cultural technique (chromogenic media)
Subcontracted to a Eurofins laboratory accredited for this test.

Escherichia coli 44°C		< 10	cfu/g

UMTK8 Salmonella spp. Abs Pres /125 g ISO 6579-1
Method ISO 6579, 2020-08, D-Cultural technique (non-chromogenic media)
Subcontracted to a Eurofins laboratory accredited for this test.

Salmonella	Not detected		/125 g

* = below indicated quantification level

Analytical report AR-24-FJ-007878-01
Sample Code 716-2024-00006809

JUDGEMENT

With respect to the results of the above mentioned analyses, samples of the same quality which carry the organic label can therefore be traded likewise as long as they comply with the requirements of Regulation (EU) 2018/848 on organic production and labelling of organic products in conjunction with implementing Regulation (EU) 2021/1165 and its amendments.

The lead content of the sample corresponds to the requirements of the Regulation (EU) 2023/915 in its current version.

The polycyclic aromatic hydrocarbons content of the sample corresponds to the requirements of the EU Regulation (EU) 2023/915 in its current version.

Concerning the above mentioned microbiological analysis the sample is inconspicuous.

Mineral oil (MOSH, POSH, MOAH):

Analysis:
The sample was analyzed using a validated LC-GC-FID method on the content of saturated (MOSH and MOSH-analogues) and aromatic (MOAH) hydrocarbons.

Comments on the result:
MOSH and MOSH-analogues (e.g. POSH, PAO) as well as MOAH are mixtures of hydrocarbons which are chemically and structurally closely related. An analytical separation of the mixtures is not possible. An identification of the source of contamination often is possible via interpretation of the obtained chromatograms.

Legal background:
There are currently no legally binding limit values for the assessment of mineral oil residues in food.
The substance mixture of aromatic MOAHs contains potentially carcinogenic substances. The presence of MOAH is of potential concern according to EFSA.

According to a statement of the European Commission (SCoPAFF) from 19/10/2022, the following max. LOQs for the sum MOAH >=C10 to <=C50 were established for the official food control. Products with higher findings of MOAH should be withdrawn and, if necessary, recalled from the market on basis of REG 178/2002 Art 14.

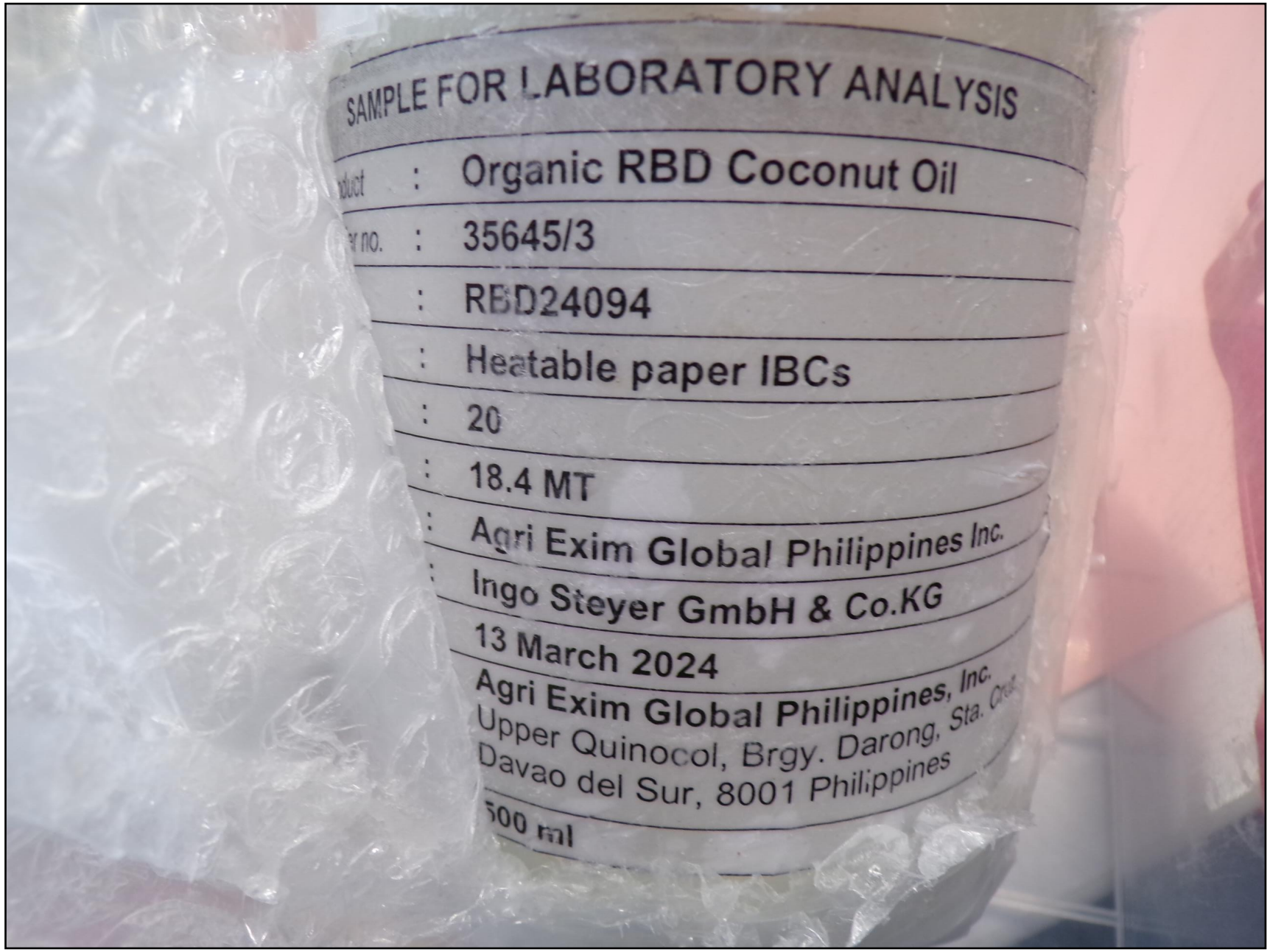
- 0.5 mg/kg for dry foods with low fat/oil content (<= 4% fat/oil)
- 1 mg/kg for foods with higher fat/oil content (> 4% fat/oil, <= 50% fat/oil)
- 2 mg/kg for fats/oils or foods with >50% fat/oil

For MOSH and MOSH analogues in the range C10 to C50, German Benchmark levels exist for individual food categories between 4 and 13 mg/kg as well as 22 mg/kg milk fat according to Lebensmittelverband/LAV.
For MOSH from the source of food grade quality, highly viscous white oils 95% > C25 applies an ADI of 12 mg/kg body weight acc. to EFSA Opinion 2012 / ASN panel.

Comments on the source of contamination:
Based on the evaluated pattern of the chromatogram, the source of contamination potentially originates from the following:

- The source of contamination could not be concluded.

Proben Nummer: <<716-2024-00006809>>



Proben Nummer: <<716-2024-00006809>>

Legend

CAS	The CAS Registry Number is a unique identifier assigned by the Chemical Abstracts Service to chemical substances.
LOQ	Limit of quantification.

SFG0L-12 (HQ) Pesticide screening in oil

Technique: GC-MS/MS

Method reference: Internal Method

Applied on: vegetable and animal oil
Do not apply on fish-crude oils ,MCTs and essentials oils

Laboratory: Eurofins SOFIA Berlin (Rudower Chaussee) (HQ) DIN EN ISO/IEC 17025:2018 DAkkS D-PL-19579-02-00

Parameters

Parameter	Test	CAS	LOQ
2,4 D Ethyl ester	SFE24	533-23-3	0.01 mg/kg
2,4,5-T-Methylester	SFE2A	1928-37-6	0.005 mg/kg
2,4-D isobutyl ester	SFE25	1713-15-1	0.01 mg/kg
2,4-D-2-ethylhexyl	SFDZ4	1928-43-4	0.005 mg/kg
2,4-D-butyl ester	SFE2B	94-80-4	0.005 mg/kg
2,4-D-Methylester	SFE2C	1928-38-7	0.005 mg/kg
2-Phenylphenol	SFDZ5	90-43-7	0.005 mg/kg
Acetochlor	SFDY5	34256-82-1	0.01 mg/kg
Aclonifen	SFDY6	74070-46-5	0.01 mg/kg
Alachlor	SFDWQ	15972-60-8	0.02 mg/kg
Aldrin	SFDTR	309-00-2	0.01 mg/kg
Aldrin/ Dieldrin (Sum)	SFDXS		
Amidithion	SFDY7	919-76-6	0.01 mg/kg
Anthraquinone	SFDZ6	84-65-1	0.005 mg/kg
Atrazine	SFDRY	1912-24-9	0.005 mg/kg
Azaconazole	SFDSN	60207-31-0	0.005 mg/kg
Azinphos-ethyl	SFDY8	2642-71-9	0.01 mg/kg
Azinphos-methyl	SFDY9	86-50-0	0.01 mg/kg
Azoxystrobin	SFDZ7	131860-33-8	0.005 mg/kg
Benazolin-ethyl	SFDZ8	25059-80-7	0.005 mg/kg
Benfluralin	SFDTS	1861-40-1	0.005 mg/kg
Benoxacor	SFDRZ	98730-04-2	0.005 mg/kg
Benzoylprop-ethyl	SFDZ9	22212-55-1	0.005 mg/kg
Bifenox	SFDS0	42576-02-3	0.005 mg/kg
Bifenthrin	SFDYA	82657-04-3	0.01 mg/kg
Biphenyl	SFDTK	92-52-4	0.01 mg/kg
Bitertanol	SFDWS	55179-31-2	0.01 mg/kg
Boscalid	SFDT9	188425-85-6	0.005 mg/kg
Bromfenvinphos	SFDYB	33399-00-7	0.01 mg/kg
Bromocyclen	SFDTL	1715-40-8	0.01 mg/kg
Bromophos-ethyl	SFDTT	4824-78-6	0.005 mg/kg
Bromophos-methyl	SFDYC	2104-96-3	0.01 mg/kg
Bromopropylate	SFDTU	18181-80-1	0.01 mg/kg
Buprofezin	SFDY1	69327-76-0	0.02 mg/kg
Butachlor	SFDSI	23184-66-9	0.01 mg/kg
Butafenacil	SFDTA	134605-64-4	0.005 mg/kg
Butamifos	SFDZA	36335-67-8	0.005 mg/kg
Butralin	SFDX7	33629-47-9	0.005 mg/kg
Cadusafos	SFDZB	95465-99-9	0.005 mg/kg
Captan	SFDTJ	133-06-2	0.02 mg/kg
Captan (sum of captan/THPI, expressed as captan)	SFEZ8		
Carbophenothion	SFDX8	786-19-6	0.005 mg/kg

Carbophenothion-methyl	SFDYD	953-17-3	0.01 mg/kg
Carfentrazone-ethyl	SFDSP	128639-02-1	0.005 mg/kg
Chinomethionate	SFDSJ	2439-01-2	0.01 mg/kg
Chloramben-Methyl	SFE2D	7286-84-2	0.005 mg/kg
Chlorbenside	SFDX9	103-17-3	0.005 mg/kg
Chlordane (total)	SFDTH		
Chlordane, cis-	SFE1W	5103-71-9	0.01 mg/kg
Chlordane, oxy-	SFE1Y	27304-13-8	0.01 mg/kg
Chlordane, trans-	SFDYE	5103-74-2	0.01 mg/kg
Chlorethoxyfos	SFDZD	54593-83-8	0.005 mg/kg
Chlorfenapyr	SFDZE	122453-73-0	0.01 mg/kg
Chlorfenprop-methyl	SFDZF	14437-17-3	0.005 mg/kg
Chlorfenson	SFDTV	80-33-1	0.005 mg/kg
Chlorfenvinphos	SFDTW	470-90-6	0.005 mg/kg
Chlorflurenol-methyl	SFE26	2536-31-4	0.01 mg/kg
Chloridazon	SFDYF	1698-60-8	0.01 mg/kg
Chlormephos	SFDTY	24934-91-6	0.005 mg/kg
Chlorobenzilate	SFDZC	510-15-6	0.005 mg/kg
Chloroneb	SFDS1	2675-77-6	0.01 mg/kg
Chloropropylate	SFDZG	5836-10-2	0.005 mg/kg
Chlorothalonil	SFDTM	1897-45-6	0.01 mg/kg
Chlorpropham	SFDS3	101-21-3	0.005 mg/kg
Chlorpyrifos (-ethyl)	SFDTZ	2921-88-2	0.005 mg/kg
Chlorpyrifos-methyl	SFDU0	5598-13-0	0.005 mg/kg
Chlorthal-dimethyl	SFDWT	1861-32-1	0.01 mg/kg
Chlorthion	SFDU1	500-28-7	0.005 mg/kg
Chlorthiophos	SFDZH	21923-23-9	0.005 mg/kg
Chlozolinate	SFDUE	84332-86-5	0.01 mg/kg
Cinidon-ethyl	SFDZI	142891-20-1	0.005 mg/kg
Clodinafop-propargyl	SFDZJ	105512-06-9	0.005 mg/kg
Cloquintocet-mexyl	SFDSQ	99607-70-2	0.005 mg/kg
Coumaphos	SFDS8	56-72-4	0.005 mg/kg
Crotoxyphos	SFDWU	7700-17-6	0.01 mg/kg
Crufomate	SFDWV	299-86-5	0.01 mg/kg
Cyanofenphos	SFDUF	13067-93-1	0.01 mg/kg
Cyanophos	SFDUP	2636-26-2	0.005 mg/kg
Cyenopyrafen	SFE2E	560121-52-0	0.005 mg/kg
Cyfluthrin	SFDUG	68359-37-5	0.01 mg/kg
Cyhalothrin, lambda-(incl. Cyhalothrin, gamma-)	SFDYG	91465-08-6	0.01 mg/kg
Cypermethrin (sum of isomers)	SFDUH	52315-07-8	0.01 mg/kg
Cyproconazole	SFDUI	94361-06-5	0.01 mg/kg
DDD, o,p-	SFDZK	53-19-0	0.01 mg/kg
DDE, o,p-	SFDZL	3424-82-6	0.005 mg/kg
DDT (p,p'-DDT+o,p'-DDT+p,p'-DDE+p,p'-TDE)	SFE2T		0.01 mg/kg
Deltamethrin	SFDUJ	52918-63-5	0.01 mg/kg
Demeton	SFDWW	8065-48-3	0.025 mg/kg
Diallate	SFDXA	2303-16-4	0.005 mg/kg
Diazinon	SFDU2	333-41-5	0.005 mg/kg
Dibromobenzophenone, p,p-	SFDYH	3988-03-2	0.01 mg/kg
Dicapthon	SFDZM	2463-84-5	0.005 mg/kg
Dichlobenil	SFDUQ	1194-65-6	0.005 mg/kg
Dichlofenthion	SFDUR	97-17-6	0.005 mg/kg
Dichlofluanid	SFDUS	1085-98-9	0.005 mg/kg
Dichlorvos	SFDUK	62-73-7	0.01 mg/kg
Diclobutrazol	SFDUD	75736-33-3	0.02 mg/kg
DICLOCYMET	SFDZN	139920-32-4	0.005 mg/kg
Diclofop-methyl	SFDXB	51338-27-3	0.005 mg/kg
Dicloran	SFDUT	99-30-9	0.005 mg/kg
Dicofol (sum)	SFDWM		
Dicofol, o,p-	SFDTN	10606-46-9	0.01 mg/kg
Dicofol, p,p-	SFDUL	115-32-2	0.01 mg/kg
Dicrotophos	SFDXC	141-66-2	0.005 mg/kg

Dieldrin	SFDTP	60-57-1	0.01 mg/kg
Difenoconazole	SFDUU	119446-68-3	0.005 mg/kg
Diflufenican	SFDZP	83164-33-4	0.005 mg/kg
Dimethachlor	SFDXD	50563-36-5	0.005 mg/kg
Dimethipin	SFDTB	55290-64-7	0.005 mg/kg
Dimethoate	SFDUM	60-51-5	0.01 mg/kg
Dimethomorph	SFDYI	110488-70-5	0.01 mg/kg
Dimethylvinphos	SFDYJ	2274-67-1	0.01 mg/kg
Diniconazole	SFDZQ	83657-24-3	0.005 mg/kg
Dinobuton	SFDXZ	973-21-7	0.05 mg/kg
Dioxabenzofos	SFDYK	3811-49-2	0.01 mg/kg
Diphenylamine	SFDUN	122-39-4	0.01 mg/kg
Disulfoton	SFDUC	298-04-4	0.05 mg/kg
Disulfoton-sulfon	SFDSC	2497-06-5	0.01 mg/kg
Ditalimfos	SFDV3	5131-24-8	0.01 mg/kg
Edifenphos	SFDXE	17109-49-8	0.005 mg/kg
Endosulfan (total)	SFDUW		
Endosulfan sulphate	SFDWY	1031-07-8	0.01 mg/kg
Endosulfan, alpha-	SFDSK	959-98-8	0.01 mg/kg
Endosulfan, beta-	SFDSL	33213-65-9	0.01 mg/kg
Endrin	SFDTQ	72-20-8	0.01 mg/kg
Endrin ketone	SFDY2	53494-70-5	0.02 mg/kg
EPN	SFDVH	2104-64-5	0.005 mg/kg
Epoxiconazole	SFDZR	133855-98-8	0.005 mg/kg
Etaconazole	SFDZS	60207-93-4	0.005 mg/kg
Ethalfluralin	SFDXF	55283-68-6	0.005 mg/kg
Ethion	SFDU3	563-12-2	0.005 mg/kg
Ethofumesate	SFDZT	26225-79-6	0.005 mg/kg
Ethoprophos	SFDVI	13194-48-4	0.005 mg/kg
Etridiazole	SFDXG	2593-15-9	0.005 mg/kg
Etrimfos	SFDVJ	38260-54-7	0.005 mg/kg
Famophos	SFDZU	52-85-7	0.005 mg/kg
Famoxadone	SFDYL	131807-57-3	0.01 mg/kg
Fenamidone	SFDYM	161326-34-7	0.01 mg/kg
Fenarimol	SFDS4	60168-88-9	0.005 mg/kg
Fenbuconazole (sum of constituent enantiomers)	SFDWZ	114369-43-6	0.01 mg/kg
Fenchlorphos	SFDVK	299-84-3	0.005 mg/kg
Fenchlorphos (sum)	SFE1Z		
Fenchlorphos oxon	SFE27	3983-45-7	0.01 mg/kg
Fenhexamid	SFDZW	126833-17-8	0.005 mg/kg
Fenitrothion	SFDVL	122-14-5	0.005 mg/kg
Fenpiclonil	SFDSD	74738-17-3	0.01 mg/kg
Fenpropathrin	SFDVM	39515-41-8	0.005 mg/kg
Fenson	SFDVN	80-38-6	0.005 mg/kg
Fensulfothion	SFDVP	115-90-2	0.005 mg/kg
Fenvalerate (all isomers including Esfenvalerate)	SFE20		
Fenvalerate (RR-/SS-Isomers)	SFDSM		0.01 mg/kg
Fenvalerate (RS-/SR-Isomers)	SFDT7		0.01 mg/kg
Fipronil	SFDT8	120068-37-3	0.01 mg/kg
Fipronil, desulfinyl-	SFDZY	205650-65-3	0.005 mg/kg
Fipronil+Sulfonmetab. MB46136 (Sum)	SFE2S		
Fipronil-sulfide	SFDZZ	120067-83-6	0.005 mg/kg
Fipronil-sulfone	SFE0S	120068-36-2	0.005 mg/kg
Flamprop-isopropyl	SFE28	52756-22-6	0.01 mg/kg
Flamprop-methyl	SFE0T	52756-25-9	0.005 mg/kg
Flonicamid	SFE0U	158062-67-0	0.005 mg/kg
Fluchloralin	SFDS5	33245-39-5	0.005 mg/kg
Flucythrinate	SFE0V	70124-77-5	0.005 mg/kg
Flumetralin	SFE0Y	62924-70-3	0.005 mg/kg
Fluopicolide	SFE0Z	239110-15-7	0.005 mg/kg
Fluorodifen	SFDX0	15457-05-3	0.01 mg/kg

Fluoroglycofen-ethyl	SFDYN	77501-90-7	0.01 mg/kg
Fluotrimazole	SFE10	31251-03-3	0.005 mg/kg
Fluquinconazole	SFE11	136426-54-5	0.005 mg/kg
Flurenol-butyl	SFE12	2314-09-2	0.005 mg/kg
Flurtamone	SFDT1	96525-23-4	0.005 mg/kg
Flusilazole	SFDVQ	85509-19-9	0.005 mg/kg
Fluvalinate (sum of isomers)	SFE1Q	69409-94-5	0.005 mg/kg
Folpet	SFDY3	133-07-3	0.02 mg/kg
Folpet (sum of Folpet and PI,expressed as Folpet)	SFE2V		
Fonofos	SFDVR	944-22-9	0.005 mg/kg
Furametpyr	SFE2G	123572-88-3	0.005 mg/kg
Genite	SFE13	97-16-5	0.005 mg/kg
Halfenprox	SFDT6	111872-58-3	0.05 mg/kg
Haloxyfop-2-ethoxyethyl	SFE2H	87237-48-7	0.005 mg/kg
Haloxyfop-methyl	SFE14	69806-40-2	0.005 mg/kg
HCH, alpha-	SFDU4	319-84-6	0.005 mg/kg
HCH, beta-	SFDU5	319-85-7	0.005 mg/kg
HCH, delta-	SFDUV	319-86-8	0.005 mg/kg
HCH, epsilon-	SFDXH	6108-10-7	0.005 mg/kg
Heptachlor	SFDU6	76-44-8	0.005 mg/kg
Heptachlor (sum)	SFE21		
Heptachlor epoxide, cis-	SFE15	1024-57-3	0.005 mg/kg
Heptachlor epoxide, trans-	SFE16	28044-83-9	0.005 mg/kg
Heptenophos	SFDVS	23560-59-0	0.005 mg/kg
Hexachlorobenzene (HCB)	SFDU7	118-74-1	0.005 mg/kg
Hexaconazole	SFDUY	79983-71-4	0.02 mg/kg
Indanofan	SFDYP	133220-30-1	0.01 mg/kg
Indoxacarb (sum, R+S isomers)	SFE17	144171-61-9	0.005 mg/kg
Iodofenphos	SFDVT	18181-70-9	0.005 mg/kg
Ioxynil-octanoate	SFE18	3861-47-0	0.025 mg/kg
Iprobenfos	SFE19	26087-47-8	0.005 mg/kg
Iprodione	SFDUZ	36734-19-7	0.2 mg/kg
Isazofos	SFDYQ	42509-80-8	0.01 mg/kg
Isobenzan	SFE1A	297-78-9	0.01 mg/kg
Isocarbofos	SFDT2	24353-61-5	0.01 mg/kg
Isodrin	SFDV2	465-73-6	0.02 mg/kg
Isofenphos	SFDVU	25311-71-1	0.005 mg/kg
Isofenphos-methyl	SFE2I	99675-03-3	0.005 mg/kg
Isomethiozin	SFE1B	57052-04-7	0.005 mg/kg
Isopropalin	SFE1C	33820-53-0	0.005 mg/kg
Isoxadifen-ethyl	SFDTC	163520-33-0	0.005 mg/kg
Kresoxim-methyl	SFDXI	143390-89-0	0.005 mg/kg
Lactofen	SFE2J	77501-63-4	0.005 mg/kg
Leptophos	SFDSG	21609-90-5	0.005 mg/kg
Lindane (gamma-HCH)	SFE1D	58-89-9	0.005 mg/kg
Lufenuron	SFDYR	103055-07-8	0.01 mg/kg
Malaoxon	SFDWR	1634-78-2	0.02 mg/kg
Malathion	SFDTD	121-75-5	0.005 mg/kg
Malathion/Malaoxon (sum)	SFDXU		
MCPA - butoxyethylester	SFDT3	19480-43-4	0.005 mg/kg
MCPA ethyl ester	SFE2K	2698-38-6	0.005 mg/kg
MCPA-1-butyl ester	SFE29	1713-12-8	0.01 mg/kg
MCPA-2-ethylhexyl	SFE2L	29450-45-1	0.005 mg/kg
MCPA-metylester	SFE2M	2436-73-9	0.005 mg/kg
MCPA-thioethyl	SFE2N	25319-90-8	0.005 mg/kg
Mecarbam	SFDV4	2595-54-2	0.01 mg/kg
Mephosfolan	SFDX1	950-10-7	0.01 mg/kg
Metamitron	SFDY4	41394-05-2	0.02 mg/kg
Metazachlor	SFDXJ	67129-08-2	0.005 mg/kg
Methacrifos	SFDVV	62610-77-9	0.005 mg/kg
Methidathion	SFDVW	950-37-8	0.005 mg/kg
Methoxychlor	SFDU8	72-43-5	0.005 mg/kg
Metolachlor	SFDV5	51218-45-2	0.01 mg/kg

Metrafenone	SFDTE	220899-03-6	0.005 mg/kg
Metribuzin	SFDSE	21087-64-9	0.01 mg/kg
Mevinphos	SFDVY	7786-34-7	0.005 mg/kg
Mirex	SFDU9	2385-85-5	0.005 mg/kg
Molinate	SFE1E	2212-67-1	0.005 mg/kg
Myclobutanil (sum of constituent isomers)	SFDVZ	88671-89-0	0.005 mg/kg
Naled	SFDWN	300-76-5	0.1 mg/kg
N-Desethyl-pirimiphos-methyl	SFDYS	67018-59-1	0.01 mg/kg
Nitrapyrin	SFDXK	1929-82-4	0.005 mg/kg
Nitrofen	SFDV6	1836-75-5	0.01 mg/kg
Nitrothal-isopropyl	SFDSH	10552-74-6	0.005 mg/kg
Norflurazon	SFDX2	27314-13-2	0.01 mg/kg
Nuarimol	SFDYT	63284-71-9	0.01 mg/kg
Omethoate	SFDS6	1113-02-6	0.01 mg/kg
Oxadiazon	SFDV7	19666-30-9	0.01 mg/kg
Oxyfluorfen	SFDX3	42874-03-3	0.01 mg/kg
Paclobutrazol	SFDV8	76738-62-0	0.01 mg/kg
Parathion	SFDUA	56-38-2	0.005 mg/kg
Parathion-methyl	SFDUB	298-00-0	0.005 mg/kg
Parathion-methyl/Paraoxon-methyl (sum)	SFE22		
PCB 101	SFDW2	37680-73-2	0.005 mg/kg
PCB 138	SFDW3	35065-28-2	0.005 mg/kg
PCB 153	SFDW4	35065-27-1	0.005 mg/kg
PCB 180	SFDW5	35065-29-3	0.005 mg/kg
PCB 28	SFDW0	7012-37-5	0.005 mg/kg
PCB 52	SFDW1	35693-99-3	0.005 mg/kg
Penconazole (sum of constituent isomers)	SFDW6	66246-88-6	0.005 mg/kg
Pendimethalin	SFDW7	40487-42-1	0.005 mg/kg
Pentachloroaniline	SFDYU	527-20-8	0.01 mg/kg
Pentachloroanisole	SFDW8	1825-21-4	0.005 mg/kg
Pentachlorobenzene	SFDV9	608-93-5	0.05 mg/kg
Pentachlorothioanisole	SFE1F	1825-19-0	0.05 mg/kg
Permethrin (sum of isomers)	SFDVA	52645-53-1	0.01 mg/kg
Perthane	SFDXL	72-56-0	0.005 mg/kg
Phenkapton	SFDX4	2275-14-1	0.01 mg/kg
Phenothrin	SFE23	26002-80-2	0.1 mg/kg
Phenthoate	SFDYV	2597-03-7	0.01 mg/kg
Phosalone	SFDW9	2310-17-0	0.005 mg/kg
Phosfolan	SFDYW	947-02-4	0.01 mg/kg
Phosmet	SFDWA	732-11-6	0.005 mg/kg
Phosphamidon	SFE1G	13171-21-6	0.005 mg/kg
Phthalimide (PI)	SFE2U	85-41-6	0.05 mg/kg
Picolinafen	SFDTF	137641-05-5	0.005 mg/kg
Picoxystrobin	SFDT4	117428-22-5	0.005 mg/kg
Piperonyl butoxide	SFE1H	51-03-6	0.005 mg/kg
Piperophos	SFE1I	24151-93-7	0.005 mg/kg
Pirimiphos-ethyl	SFDWB	23505-41-1	0.005 mg/kg
Pirimiphos-methyl	SFE1J	29232-93-7	0.005 mg/kg
Plifenate	SFDYY	21757-82-4	0.01 mg/kg
Procymidone	SFDWC	32809-16-8	0.005 mg/kg
Profenofos	SFDVB	41198-08-7	0.01 mg/kg
Profluralin	SFDS2	26399-36-0	0.01 mg/kg
Propachlor	SFDS9	1918-16-7	0.005 mg/kg
Propanil	SFDS7	709-98-8	0.01 mg/kg
Propaphos	SFDYZ	7292-16-2	0.01 mg/kg
Propetamphos	SFDVC	31218-83-4	0.01 mg/kg
Propiconazole (sum of isomers)	SFDVD	60207-90-1	0.01 mg/kg
Propisochlor	SFE2P	86763-47-5	0.005 mg/kg
Propyzamide	SFDXM	23950-58-5	0.005 mg/kg
Prothiofos	SFDZ0	34643-46-4	0.01 mg/kg
Pyraclofos	SFE1K	89784-60-1	0.005 mg/kg

Pyraflufen-ethyl	SFE1L	129630-19-9	0.005 mg/kg
Pyrazophos	SFDVE	13457-18-6	0.01 mg/kg
Pyridaben	SFDXN	96489-71-3	0.005 mg/kg
Pyridaphenthion	SFDZ1	119-12-0	0.01 mg/kg
Pyrifenox	SFDZ2	88283-41-4	0.01 mg/kg
Quinalphos	SFDVF	13593-03-8	0.01 mg/kg
Quinoxyfen	SFE1M	124495-18-7	0.005 mg/kg
Quintozene	SFDWD	82-68-8	0.005 mg/kg
Quintozene (sum)	SFDXV		
Resmethrin	SFDXW	10453-86-8	0.1 mg/kg
S 421	SFE1N	127-90-2	0.005 mg/kg
Spiromesifen	SFDTG	283594-90-1	0.005 mg/kg
Sulfotep	SFDWE	3689-24-5	0.005 mg/kg
Sulprofos	SFDSA	35400-43-2	0.005 mg/kg
Swep	SFE1P	1918-18-9	0.005 mg/kg
Tebupirimfos	SFE2Q	96182-53-5	0.005 mg/kg
Tecnazene	SFDWF	117-18-0	0.005 mg/kg
Tefluthrin	SFE1R	79538-32-2	0.005 mg/kg
Temephos	SFE1S	3383-96-8	0.005 mg/kg
Terbacil	SFDWG	5902-51-2	0.005 mg/kg
Terbufos	SFDX5	13071-79-9	0.01 mg/kg
Tetrachlorvinphos	SFDSB	22248-79-9	0.005 mg/kg
Tetraconazole	SFE1T	112281-77-3	0.005 mg/kg
Tetradifon	SFDWH	116-29-0	0.005 mg/kg
Tetrahydrophthalimide (THPI)	SFEZ7	85-40-5	0.050 mg/kg
Tetramethrin	SFDV1	7696-12-0	0.01 mg/kg
Tetrasul	SFDWI	2227-13-6	0.005 mg/kg
Thiometon	SFDV0	640-15-3	0.2 mg/kg
Tolclofos-methyl	SFDWJ	57018-04-9	0.005 mg/kg
Tolylfluanid	SFDWK	731-27-1	0.005 mg/kg
Triadimefon	SFE1U	43121-43-3	0.005 mg/kg
Triadimenol	SFDY0	55219-65-3	0.05 mg/kg
Triallate	SFDWL	2303-17-5	0.005 mg/kg
Triamiphos	SFE1V	1031-47-6	0.005 mg/kg
Tribufos	SFDT5	78-48-8	0.005 mg/kg
Trichloronat	SFDVG	327-98-0	0.01 mg/kg
Tridiphane	SFDRW	58138-08-2	0.01 mg/kg
Trifloxystrobin	SFDSF	141517-21-7	0.01 mg/kg
Trifluralin	SFDX6	1582-09-8	0.01 mg/kg
Vamidothion	SFDWP	2275-23-2	0.05 mg/kg
Vinclozolin	SFDXP	50471-44-8	0.005 mg/kg
Other screened pesticides	SFDXQ		
Screened pesticides	SFDXR		

Related / preparation tests (see appendix)	prep test to order single parameters	SFPRH-3 (HQ)	Extraction pesticides in fatty food GC	Preparation

Appendix

SFPRH-3 (HQ)	Extraction pesticides in fatty food GC		
Aim	Preparation test required for the determination of pesticide substances included in the SFFET, SFCRL, SFMM0 or SF0XA screening (without ordering the complete screening)""		
Technique	Preparation		
Method	Prep		
Method reference	§ 64 LFGB L 00.00-34 : 2010-09, mod.		
Method reference deviation	module E7; extraction with microwave digestion; fractionation		
Applied on	from 15% fat content and all milk products.		
Laboratory	Eurofins SOFIA Berlin (Rudower Chaussee)	(HQ) DIN EN ISO/IEC 17025:2018 DAkkS D-PL-19579-02-00	
Parameters	**Parameter**	**CAS**	**LOQ**
	sample preparation		