

SGS Germany GmbH Rödingsmarkt 16 20459 Hamburg

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425-19 Mukaekobamen sazacho  
Kitamatsuuragun, Nagasakiken  
JAPAN

**Test Report 4581571**  
**Order No. 5169308**  
**Customer No. 10183672**

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Agriculture, Food  
SGS Germany GmbH  
Rödingsmarkt 16  
20459 Hamburg

Hamburg, 2019/12/03

Your order/project: .  
Your purchase order date: 2019/11/05

This (e)Report cancels and supersedes the (e)Report No. 4569832 dated 26.11.2019 issued by SGS.

SGS Germany GmbH

Your order/project: .  
Your purchase order number: .

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Order No. 5169308

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#### General Information:

Sample No.:	191243102
Sample:	organic matcha F277
Date of receipt:	2019/11/14
Testing period (begin / end):	2019/11/14 / 2019/11/26
Quantity:	774g
Packaging:	Original packing

#### Test Results:

Parameter	Method	Lab	Unit	Result	Limit of quantification	Requirements
<b>Constituents:</b>						
Protein	DIN EN ISO 14891	HH	g/100 g	26.4	0.10	
Fat	ASU L 06.00-6	HH	g/100 g	4.26	0.30	
Dry matter	ISO 1572	HH	g/100 g	97.05	0.01	
Total ash	ISO 1575	HH	g/100 g	5.52	0.01	
Dietary fibre	ASU L 00.00-18, mod.	HH	g/100 g	29.1	0.50	
Carbohydrates	calculated		g/100 g	31.8	0.1	
Energy value	calculated		kcal/100g	329	1	
Energy value	calculated		kJ/100g	1379	1	

#### Constituents:

Common salt (calc. from sodium)	DIN EN 15621, mod.	HH	g/100 g	0.005	0.001	
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#### Minerals/metals:

Sodium	DIN EN 15621, mod.	HH	mg/100 g	2.05	0.20	
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#### Constituents:

Glucose	SOP M 2569, HPLC	HH	g/100 g	0.4	0.2	
Fructose	SOP M 2569, HPLC	HH	g/100 g	0.7	0.2	
Sucrose	SOP M 2569, HPLC	HH	g/100 g	3.0	0.2	
Maltose	SOP M 2569, HPLC	HH	g/100 g	< 0.2	0.2	
Lactose	SOP M 2569, HPLC	HH	g/100 g	< 0.2	0.2	
Sum of the determined sugars, calc.		HH	g/100 g	4.1		

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Sample 191243102	organic matcha; F277					
Parameter	Method	Lab	Unit	Result	Limit of quantification	Requirements

#### Fatty acids (as methyl ester):

Saturated fatty acids, calc.		HH	g/100 g	1.16		
Monounsaturated fatty acids, calc.		HH	g/100 g	0.91		
Polyunsaturated fatty acids, calc.		HH	g/100 g	1.96		
Trans fatty acids, calc.		HH	g/100 g	0.014		
Butyric acid (C 4:0)	ISO 12966 mod., GC/FID	HH	g/100 g	< 0.050	0.050	
Caproic acid (C 6:0)	ISO 12966 mod., GC/FID	HH	g/100 g	< 0.050	0.050	
Caprylic acid (C 8:0)	ISO 12966 mod., GC/FID	HH	g/100 g	< 0.050	0.050	
Capric acid (C 10:0)	ISO 12966 mod., GC/FID	HH	g/100 g	< 0.050	0.050	
Lauric acid (C 12:0)	ISO 12966 mod., GC/FID	HH	g/100 g	< 0.050	0.050	
Myristic acid (C 14:0)	ISO 12966 mod., GC/FID	HH	g/100 g	0.032	0.010	
Myristoleinic acid (C 14:1w5c)	ISO 12966 mod., GC/FID	HH	g/100 g	< 0.050	0.050	
Pentadecanoic acid (C 15:0)	ISO 12966 mod., GC/FID	HH	g/100 g	< 0.050	0.050	
Palmitic acid (C 16:0)	ISO 12966 mod., GC/FID	HH	g/100 g	0.85	0.050	
Hexadecenoic acid, cis-isomers (C 16:1-cis)	ISO 12966 mod., GC/FID	HH	g/100 g	< 0.050	0.050	
Palmitelaidic acid (C 16:1w7t)	ISO 12966 mod., GC/FID	HH	g/100 g	< 0.010	0.010	
Heptadecanoic acid (C 17:0)	ISO 12966 mod., GC/FID	HH	g/100 g	< 0.050	0.050	
Heptadecenoic acid, cis-isomers (C 17:1-cis)	ISO 12966 mod., GC/FID	HH	g/100 g	< 0.050	0.050	
Stearic acid (C 18:0)	ISO 12966 mod., GC/FID	HH	g/100 g	0.28	0.050	
Octadecenoic acid, cis-isomers excl. C 18:1w9c (C 18:1-cis)	ISO 12966 mod., GC/FID	HH	g/100 g	0.067	0.050	
Octadecenoic acid, trans-isomers (C 18:1-trans)	ISO 12966 mod., GC/FID	HH	g/100 g	< 0.010	0.010	
Oleic acid (C 18:1w9c)	ISO 12966 mod., GC/FID	HH	g/100 g	0.84	0.050	
Conjugated Linoleic acid CLA (C 18:2 Conj.)	ISO 12966 mod., GC/FID	HH	g/100 g	< 0.050	0.050	
Linoleic acid (C 18:2w6c)	ISO 12966 mod., GC/FID	HH	g/100 g	0.52	0.050	
Octadecadienoic acid, trans-isomers (C 18:2w6-trans)	ISO 12966 mod., GC/FID	HH	g/100 g	< 0.010	0.010	
alpha Linolenic acid (C 18:3w3c)	ISO 12966 mod., GC/FID	HH	g/100 g	1.44	0.050	
Octadecatrienoic acid, trans-isomers (C 18:3w3-trans)	ISO 12966 mod., GC/FID	HH	g/100 g	0.014	0.010	
Arachidic acid (C 20:0)	ISO 12966 mod.,	HH	g/100 g	< 0.050	0.050	

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Sample 191243102	organic matcha; F277					
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	GC/FID					
Eicosenoic acid, cis-isomers (C 20:1-cis)	ISO 12966 mod., GC/FID	HH	g/100 g	< 0.050	0.050	
cis-11,14-Eicosadienoic acid (C 20:2w6c)	ISO 12966 mod., GC/FID	HH	g/100 g	< 0.050	0.050	
Eicosatrienoic acid, cis-isomers (C 20:3-cis)	ISO 12966 mod., GC/FID	HH	g/100 g	< 0.050	0.050	
Arachidonic acid (C 20:4w6c)	ISO 12966 mod., GC/FID	HH	g/100 g	< 0.050	0.050	
Behenic acid (C 22:0)	ISO 12966 mod., GC/FID	HH	g/100 g	< 0.050	0.050	
Erucic acid (C 22:1w9c)	ISO 12966 mod., GC/FID	HH	g/100 g	< 0.050	0.050	
Docosaenoic acid, cis-isomers excl. C 22:1w9c (C 22:1-cis)	ISO 12966 mod., GC/FID	HH	g/100 g	< 0.050	0.050	
Lignoceric acid (C 24:0)	ISO 12966 mod., GC/FID	HH	g/100 g	< 0.050	0.050	
Nervonic acid (C 24:1w9c)	ISO 12966 mod., GC/FID	HH	g/100 g	< 0.050	0.050	

**Plant by-products:**

Epicatechin	DIN ISO 14502-2 <sup>(1)</sup>	B2	mg/100 g	606.25	0.010	
Epicatechingallat	DIN ISO 14502-2 <sup>(1)</sup>	B2	mg/100 g	775.63	0.010	
Epigallocatechin	DIN ISO 14502-2 <sup>(1)</sup>	B2	mg/100 g	3694.8	0.010	
Epigallocatechingallat	DIN ISO 14502-2 <sup>(1)</sup>	B2	mg/100 g	5012.3	0.010	
Catechin	DIN ISO 14502-2 <sup>(1)</sup>	B2	mg/100 g	145.04	0.010	

(1) not accredited.

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Sample 191243102	organic matcha; F277					
Parameter	Method	Lab	Unit	Result	Limit of quantification	Maximum residue level

Spectrum of analysis tea - Complete, Carbamates and Phenylurea,  
state: November 2016

Parameter	Method	Lab	Unit	Result	Limit of quantification	Maximum residue level
<b>Pesticides - Multimethod:</b>						
Abamectin, sum	DIN EN 15662	B2	mg/kg	< 0.020	0.020	-
Acephate	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Acetamidiprid	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Acetochlor	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Acrinathrin	DIN EN 15662	B2	mg/kg	< 0.020	0.020	-
Alachlor	DIN EN 15662	B2	mg/kg	< 0.020	0.020	-
Aldoxycarb	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Aldrin	DIN EN 15662	B2	mg/kg	< 0.005	0.005	-
Allethrin	DIN EN 15662	B2	mg/kg	< 0.020	0.020	-
Ametoctradin	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Amisulbrom	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Amitraz	DIN EN 15662	B2	mg/kg	< 0.020	0.020	-
Anilofos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Anthraquinone	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Atrazine	DIN EN 15662	B2	mg/kg	< 0.005	0.005	-
Azadirachtin	DIN EN 15662	B2	mg/kg	< 0.050	0.050	-
Azinphos-ethyl	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Azinphos-methyl	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Azoxystrobin	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Barban	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Benalaxyl	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Benfluralin	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Bifenazat	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Bifenazat, sum	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Bifenox	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Bifenthrin	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Bioresmethrin	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Biphenyl	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Bitertanol	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Boscalid	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Bromacil	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Bromocyclen	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Bromophos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Bromophos-ethyl	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Bromopropylate	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Bromuconazole	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Buprofezin	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Butamifos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Butocarboxim (incl. -sulfoxide)	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Butralin	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Cadusafos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-

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Sample 191243102	organic matcha; F277					
Parameter	Method	Lab	Unit	Result	Limit of quantification	Maximum residue level
Captafol	DIN EN 15662	B2	mg/kg	< 0.020	0.020	-
Captan	DIN EN 15662	B2	mg/kg	< 0.020	0.020	-
Captan, sum	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Carbaryl	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Carbendazim/Benomyl, in total calc.	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Carbophenothion	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Carboxin	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Carfentrazone-ethyl	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Chinomethionat	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Chlorantraniliprole	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Chlorbenzilat	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Chlorbufame	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Oxy-chlordane	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Chlordan, sum	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Chlordimeform	DIN EN 15662	B2	mg/kg	< 0.020	0.020	-
Chlorfenapyr	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Chlorfenson	DIN EN 15662	B2	mg/kg	< 0.005	0.005	-
Chlorfenvinphos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Chlorfluazuron	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Chlormephos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Chlorpropham	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Chloropropylate	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Chlorpyrifos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Chlorpyrifos-methyl	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Chlorthal-dimethyl	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Chlorothalonil	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Chlorthion	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Chlorthiophos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Chlozolinate	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Clofentezine	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Clomazone	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Clothianidin	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Crotoxyphos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Coumaphos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Cyanofenphos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Cyanophos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Cyfluthrin	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Cyhalothrin, lambda-, sum	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Cymoxanil	DIN EN 15662	B2	mg/kg	< 0.020	0.020	-
Cypermethrin	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Cypermethrine, alpha-	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Cypermethrin, sum	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Cyphenothrin	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Cyproconazole	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Cyprodinil	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
DDT, sum calc.	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
DEF	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Deltamethrin, cis	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Demeton-S-methyl	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-

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Sample 191243102	organic matcha; F277					
Parameter	Method	Lab	Unit	Result	Limit of quantification	Maximum residue level
Desmethy-formamido-pirimicarb	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Dexmethylpirimicarb	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Diafenthion	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Dialifos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Diallate	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Diazinon	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Dichlobenil	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Dichlofenthion	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Dichlofluand	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Dichlorbenzophenone calc. as Dicofo	DIN EN 15662	B2	mg/kg	< 0.020	0.020	-
Dichlorbenzophenone	DIN EN 15662	B2	mg/kg	< 0.020	0.020	-
Dichlorvos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Diclofop-methyl	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Dicloran	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Dicofo	DIN EN 15662	B2	mg/kg	< 0.020	0.020	-
Dicrotophos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Dieldrin	DIN EN 15662	B2	mg/kg	< 0.005	0.005	-
Dieldrin, in total calc.	DIN EN 15662	B2	mg/kg	< 0.005	0.005	-
Difenoconazole	DIN EN 15662	B2	mg/kg	< 0.020	0.020	-
Diflubenzuron	DIN EN 15662	B2	mg/kg	< 0.020	0.020	-
Dimefox	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Dimethoate	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Dimethomorph	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Dimethylvinphos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Diniconazole	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Dinitramin	DIN EN 15662	B2	mg/kg	< 0.020	0.020	-
Dinobuton	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Dinocap	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Dinotefuran	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Dioxabenzofos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Dioxathion	DIN EN 15662	B2	mg/kg	< 0.020	0.020	-
Diphenylamine	DIN EN 15662	B2	mg/kg	< 0.020	0.020	-
Disulfoton, in total calc.	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Ditalimfos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
DMST	DIN EN 15662	B2	mg/kg	< 0.050	0.050	-
Edifenphos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Endosulfan, in total	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Endrin	DIN EN 15662	B2	mg/kg	< 0.005	0.005	-
Endrin ketone	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
EPN	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Epoxiconazole	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Esbiothrin	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Ethion	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Ethirimol	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Ethoprophos	DIN EN 15662	B2	mg/kg	< 0.005	0.005	-
Ethoxyquin	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Etofenprox	DIN EN 15662	B2	mg/kg	< 0.020	0.020	-
Etozazol	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-

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Etridiazole	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Etrifos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Famoxadone	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Fenamidon	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Fenamiphos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Fenamiphos-sulfon	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Fenamiphos-sulfoxide	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Sum (Fenamiphos, Fenamiphos-sulfon, Fenamiphos-sulfoxide)	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Fenarimol	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Fenazaquin	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Fenbuconazole	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Fenchlorphos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Fenchlorphos, sum	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Fenhexamid	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Fenitrothion	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Fenprothrin	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Fenpropimorph	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Fenpyroximate	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Fenson	DIN EN 15662	B2	mg/kg	< 0.005	0.005	-
Fensulfothion	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Fensulfothion, sum	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Fensulfothion-oxon	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Fensulfothion-oxon-sulfone	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Fensulfothion-sulfone	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Fenthion	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Fenthion, sum	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Fenvalerate, sum	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Fipronil	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Flonicamid	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Fluazifop-p-butyl	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Fluazinam	DIN EN 15662	B2	mg/kg	< 0.020	0.020	-
Flubendiamide	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Fluchloralin	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Flucythrinate	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Fludioxonil	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Flufenoxuron	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Fluopicolide	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Fluopyram	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Fluquinconazole	DIN EN 15662	B2	mg/kg	< 0.020	0.020	-
Flusilazole	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Flutriafol	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Fluvalinate, tau-	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Folpet	DIN EN 15662	B2	mg/kg	< 0.020	0.020	-
Folpet, sum (incl. Phtalimide calc. as Folpet)	DIN EN 15662	B2	mg/kg	< 0.020	0.020	-
Fonofos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-



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Sample 191243102	organic matcha; F277					
Parameter	Method	Lab	Unit	Result	Limit of quantification	Maximum residue level
Formothion	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Fosthiazat	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Halfenprox	DIN EN 15662	B2	mg/kg	< 0.020	0.020	-
HCH, alpha-	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
HCH, beta-	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
HCH, delta-	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
HCH, epsilon-	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Heptachlor, in total calc.	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Heptenophos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Hexachlorobenzene	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Hexaconazole	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Hexaflumuron	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Hexazinone	DIN EN 15662	B2	mg/kg	< 0.020	0.020	-
Hexythiazox	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Imazalil	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Imidacloprid	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Indoxacarb	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Iodofenfos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Ioxynil-octanoate	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Iprobenfos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Iprodione	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Isazofos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Isocarbophos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Isodrin	DIN EN 15662	B2	mg/kg	< 0.005	0.005	-
Isofenphos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Isofenphos-methyl	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Isoprothiolane	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Isoxathion	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Kresoxim-methyl	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Leptophos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Lindane (HCH, gamma-)	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Lufenuron	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Malaoxon	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Malathion	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Malaoxon/Malathion, in total	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Mandestrobin	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Mandipropamid	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Mecarbam	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Mepanipyrim-2-hydroxypropyl	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Mepanipyrim	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Mepronil	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Metalaxyl	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Metalaxyl, in total calc.	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Metalaxyl-M	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Metazachlor	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Methacrifos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Methamidophos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Methidathion	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Methomyl	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-

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Sample 191243102	organic matcha; F277					
Parameter	Method	Lab	Unit	Result	Limit of quantification	Maximum residue level
Methoxychlor	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Methoxyfenozide	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Methylpentachlorophenylsulfide	DIN EN 15662	B2	mg/kg	< 0.005	0.005	-
Metolachlor	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Metribuzin	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Mevinphos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Mirex	DIN EN 15662	B2	mg/kg	< 0.005	0.005	-
Molinate	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Monocrotophos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Myclobutanil	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Naled	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
N-desethyl-Pirimiphos-methyl	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Nitralin	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Nitrofen	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Nonachlor, trans-	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Novaluron	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Nuarimol	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Omethoate	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Oxadixyl	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Oxamyl	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Oxydemeton-methyl	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Oxydemeton-methyl, in total calc.	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Oxyfluorfen	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Parathion (Parathion-ethyl)	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Parathion-methyl, in total calc.	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Penconazole	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Pendimethalin	DIN EN 15662	B2	mg/kg	< 0.020	0.020	-
Pentachloranisol (PCA)	DIN EN 15662	B2	mg/kg	< 0.005	0.005	-
Pentachlorobenzene	DIN EN 15662	B2	mg/kg	< 0.005	0.005	-
Permethrin	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Phenkapton	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Phenthoate	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
2-Phenylphenol (ortho-)	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
2-Phenylhydroquinone	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
2-Phenylphenol, calc. as	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Phorate, in total calc.	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Phosalone	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Phosmet	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Phosmet, sum	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Phosphamidon	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Phoxim	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Phtalimide	DIN EN 15662	B2	mg/kg	< 0.020	0.020	-
Picoxystrobin	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Piperonyl-butoxide	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Piperophos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Pirimicarb	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Pirimiphos-ethyl	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Pirimiphos-methyl	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-

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Parameter	Method	Lab	Unit	Result	Limit of quantification	Maximum residue level
Prochloraz	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Prochloraz sum	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Procymidone	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Profenofos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Profluralin	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Prometryn	DIN EN 15662	B2	mg/kg	< 0.020	0.020	-
Propamocarb	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Propargite	DIN EN 15662	B2	mg/kg	< 0.020	0.020	-
Propetamphos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Propiconazole	DIN EN 15662	B2	mg/kg	< 0.020	0.020	-
Propyzamide	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Prothioconazole, (Prothioconazole-desthio, sum)	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Prothiofos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Pyraclofos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Pyraclostrobin	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Pyraflufen-ethylene	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Pyrazophos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Pyridaben	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Pyridaphenthion	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Pyrifenox	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Pyrimethanil	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Pyriproxifen	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Quinalphos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Quinoxifen	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Quintozen, in total calc.	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Rotenon	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
S421	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Silafluofen	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Simazine	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Spinetoram	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Spinosad	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Spirodiclofen	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Spiromesifen	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Spirotetramat	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Spirotetramat and its Metabolites, cal. as Spirotetramat	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Spiroxamine	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Sulfotep	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Sulprofos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Tebuconazole	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Tebufenozide	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Tebufenpyrad	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Tecnazene	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Teflubenzuron	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Tefluthrin	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
TEPP	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Terbacil	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-

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Sample 191243102		organic matcha; F277				
Parameter	Method	Lab	Unit	Result	Limit of quantification	Maximum residue level
Terbufos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Terbufos-sulfon	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Terbufos-sulfoxide	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Terbutylazine	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Terbutryn	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Tetrachlorvinphos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Tetraconazole	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Tetradifon	DIN EN 15662	B2	mg/kg	< 0.005	0.005	-
Tetramethrin	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Tetrasul	DIN EN 15662	B2	mg/kg	< 0.005	0.005	-
Thiabendazole	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Thiacloprid	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Thiamethoxam	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Thiodicarb	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Thiometon	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Thionazin	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Thiophanate-methyl	DIN EN 15662	B2	mg/kg	< 0.020	0.020	-
THPI	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Tolclofos-methyl	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Tolfenpyrad	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Tolylfluanid	DIN EN 15662	B2	mg/kg	< 0.050	0.050	-
Tolylfluanid, sum	DIN EN 15662	B2	mg/kg	< 0.050	0.050	-
Triadimefon	DIN EN 15662	B2	mg/kg	< 0.020	0.020	-
Triadimenol	DIN EN 15662	B2	mg/kg	< 0.020	0.020	-
Triallate	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Triamiphos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Triazophos	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Trichlorfon	DIN EN 15662	B2	mg/kg	< 0.020	0.020	-
Trifloxystrobin	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Triflumizole	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Triflumizole, sum	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Triflururon	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Trifluralin	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Triforin	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Trimethacarb-3,4,5	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Vamidothion	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Vinclozolin	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Zoxamide	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-

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Sample 191243102	organic matcha; F277					
Parameter	Method	Lab	Unit	Result	Limit of quantification	Maximum residue level

#### Pesticides - Carbamates:

Aldicarb, calc. in total	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Aminocarb	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Bendiocarb	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Benfuracarb	DIN EN 15662	B2	mg/kg	< 0.020	0.020	-
Benthiavalicarb-isopropylene	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Carbetamide	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Carbofuran, in total calc.	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Cycloat	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Diethofencarb	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Dioxacarb	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
EPTC	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Ethiofencarb (incl. -sulfoxid & -sulfon)	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Fenobucarb	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Fenoxycarb	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Formetanat	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Furathiocarb	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Iprovalicarb	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Isoprocab	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Methiocarb, calc in total	DIN EN 15662	B2	mg/kg	< 0.020	0.020	-
Metolcarb	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Pebulat	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Promecarb	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Propham	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Propoxur	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Prosulfocarb	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Thiobencarb	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Thiofanox	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-

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Sample 191243102	organic matcha; F277					
Parameter	Method	Lab	Unit	Result	Limit of quantification	Maximum residue level

**Pesticides- Phenylurea herbicides:**

Buturon	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Chlorbromuron	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Chloroxuron	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Chlortoluron	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Dimefuron	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Diuron	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Fenuron	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Forchlorfenuron	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Isoproturon	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Linuron	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Methabenzthiazuron	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Metobromuron	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Metoxuron	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Monolinuron	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Monuron	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Neburon	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Pencycuron	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-
Tribenuron-methyl	DIN EN 15662	B2	mg/kg	< 0.010	0.010	-



Your order/project: .  
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Foto Nr. 001 der Probe 191243102

#### Summary of used test methods:

ASU L 00.00-18, mod.	1997-01, correction 2017-10. Mod.: Determination of protein with Dumas This method corresponds to AOAC 985.29
ASU L 06.00-6	2014-08
DIN EN 15621, mod.	2012-04 Calculated from sodium Modification: no freeze drying for liquid samples. Compensation by higher weight of the content. The norm is also used the analysis of fertiliser and food.
DIN EN 15621, mod.	2012-04 Modification: no freeze drying for liquid samples. Compensation by higher weight of the content. The norm is also used the analysis of fertiliser and food.
DIN EN 15662	2009-02

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DIN EN 15662	2009-02
DIN EN ISO 14891	2002-07 (N x 6,25), acc. to § 64 LFGB ASU L-01.00-60, 2002-12
DIN ISO 14502-2	2007-12
ISO 12966 mod., GC/FID	2011-02 Mod.: sample preparation (reduction of sample amount and reagent volumes, modification of reagents, e.g. tert.butylmethylether instead of isooctane, 0.5N instead of 2N potassium hydroxide solution, SOP M 3315:2017-07
ISO 1572	1980
ISO 1575	1987-10
SOP M 2569, HPLC	2015-08
calculated	Carbohydrates as difference of the determined parameters or as sum of the directly determined carbohydrates
calculated	Energy value according to Regulation (EU) 1169/2011, Annex XIV

The laboratory sites of the SGS group Germany according to the abbreviations mentioned above including the corresponding accreditation process numbers are listed at  
<http://www.institut-fresenius.de/filestore/89/laborstandortkuerzelsgs2.pdf>.

\*\*\* End of test report \*\*\*

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