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## Certificate of analysis

### 25/064798

DO IT Organic b.v

Hermesweg 7  
3771 ND BARNEVELD  
The Netherlands

#### Client provided information:

**Sample type:** chia - Organic  
**Reference:** PO25-1962  
PO25-1962/14184/ 5038-151-03-25  
PO25-1962\_14184\_ 5038-151-03-25  
**Lot No.:** 5038-151-03-25

Producer:		Sampling date:	<b>10/10/2025</b>
Origin:		Sampling by:	
Destination:		Place of sampling:	
Sequence:		Processing:	
Purchase order:	<b>PO25-1962</b>	Brix/Conc.Factor:	
Brand:	<b>14184 - Chia seed black org. 25kg</b>	Destination info	

#### Sample and Reporting information:

Date Received:	<b>15/10/2025</b>	Seal:	<b>breached sealed closed packing BC084836</b>
Date 1st report:	<b>21/10/2025</b>	State upon reception:	<b>ok</b>
Period analysis:	<b>15/10/2025 - 21/10/2025</b>	Weight (g):	<b>253,4</b>
Control:	<b>Not determined</b>	Unit count:	
Maximum limit:	<b>EU-ML</b>	Packaging:	
		Transport by:	<b>DHL</b>





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## Resume

Evaluation of the findings according to the BNN orientation value in the currently valid version:

- Orientation value for individual substances passed: YES
- Orientation value for individual substances passed when considering the expanded measurement uncertainty: YES
- Maximum number of individual substances passed: YES

According to the performed pesticide analyses, no residues of the analyzed pesticides were detected above reporting limit in the available sample

Only products referred to in Annex II to Implementing Regulation (EC) No. 2021/1165 and its amendments may be used in organic production (pesticides - plant protection products).

The results of the below mentioned analyses are in accordance with the requirements for Pesticide Residue Levels of the German Bundesverband Naturkost Naturwaren e.V. (BNN).

Organic status can only be judged by the organic control body/authority.

Alle resultaten van de uitgevoerde analyses op het ontvangen staal overschrijden de limieten niet van de geldende Europese wetgeving (R 2023/915 en/of 396/2005 en hun updates).

De uitgebreide meetonzekerheid werd niet in rekening gebracht.

The results of the performed analyses on the sample, as received by the lab, do not exceed the limits of the current European legislation (R 2023/915 and/or 396/2005 and their updates), resulting in compliancy with this legislation for the parameters analyzed.

The expanded measurement uncertainty is not considered.

L'échantillon reçu ne dépasse pas les limites de la réglementation Européenne en vigueur (R 2023/915 et/ou 396/2005 et leurs mises à jour).

L'incertitude de mesure étendue n'est pas prise en compte.

## Homogenised sample

QU1 - Multi-residue method for the quantification of chlormequat and mepiquat in vegetable commodities & feed by LC-MSMS - accredited	Completed <input checked="" type="checkbox"/>
No results at or above reporting limit (see scope list) were found	
GMSZ_01_A - Multi-residue method for the quantification of selected pesticides in vegetable commodities & feed by GC-MSMS (organic limits) - accredited	Completed <input checked="" type="checkbox"/>
No results at or above reporting limit (see scope list) were found	
GGA_01_A - Multi-residue method for the quantification of glyphosate and its metabolites in vegetable commodities & feed by LC-MSMS - accredited	Completed <input checked="" type="checkbox"/>
No results at or above reporting limit (see scope list) were found	
HYDRZ_01_A - Multi-residue method for the quantification of phenoxy acidic herbicides in vegetable commodities & feed by LC-MSMS negative mode after hydrolysis (organic limits) - accredited	Completed <input checked="" type="checkbox"/>
No results at or above reporting limit (see scope list) were found	
LMSZ_01_A - Multi-residue method for the quantification of selected pesticides in vegetable commodities & feed by LC-MSMS (organic limits) - accredited	Completed <input checked="" type="checkbox"/>
No results at or above reporting limit (see scope list) were found	
NIC_01_A - Specific method for the quantification of nicotine in vegetable commodities with high water content, fresh and dried fungi, difficult and unique matrices by LC-MSMS - accredited	Completed <input checked="" type="checkbox"/>
No results at or above reporting limit (see scope list) were found	
QU2 - Multi-residue method for the quantification of paraquat and diquat in vegetable commodities & feed by LC-MSMS - accredited	Completed <input checked="" type="checkbox"/>
No results at or above reporting limit (see scope list) were found	



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## Edible part

ZMCD\_01\_A - Specific method for the determination of cadmium in vegetable commodities and feed by ICP-MS based on EN ISO 15763 - accredited Completed

No results at or above reporting limit (see scope list) were found

ZMPB\_01\_A - Specific method for the determination of lead in vegetable commodities and feed by ICP-MS based on EN ISO 15763 - accredited Completed

Substance	Accr.	Result	Max. Limit EU-ML	Unit	U
lead	A	0,043	0,2	mg/kg ( EU 2023/915 )	20%

MYC - Multi-method for the quantification of mycotoxins in animal feed, cereals and cereal products, coffee, dried fruits and nuts by LC-MSMS - accredited Completed

No results at or above reporting limit (see scope list) were found

ZMNI\_01\_A - Specific method for the determination of nickel in vegetable commodities and feed by ICP-MS based on EN ISO 15763 - accredited Completed

Substance	Accr.	Result	Max. Limit EU-ML	Unit	U
nickel	A	0,88	(a)	mg/kg	15%

Ing. Troch Jurgen

General Manager





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## Analysed substances (including Reporting Limit RL)

### GGA\_01\_A - Multi-residue method for the quantification of glyphosate and its metabolites in vegetable commodities & feed by LC-MSMS - accredited

Substance & Accr.	R.L.	Substance & Accr.	R.L.	Substance & Accr.	R.L.	Substance & Accr.	R.L.
AMPA (aminomethylphosphonic acid) (A)	0,01 mg/kg	glufosinate-ammonium (sum of glufosinate, its salts, MPP and NAG expressed as glufosinate equivalents) (A)	0,01 mg/kg	glyphosate (A)	0,01 mg/kg	N-acetyl-AMPA (A)	0,01 mg/kg

### GMSZ\_01\_A - Multi-residue method for the quantification of selected pesticides in vegetable commodities & feed by GC-MSMS (organic limits) - accredited

Substance & Accr.	R.L.	Substance & Accr.	R.L.	Substance & Accr.	R.L.	Substance & Accr.	R.L.
1,4-Dimethylnaphthalene (A)	0,01 mg/kg	2,5-dichlorobenzoic acid methylester (A)	0,01 mg/kg	2-phenylphenol (ortho-) (A)	0,01 mg/kg	acetochlor (A)	0,01 mg/kg
acetonifin (A)	0,01 mg/kg	acrinathrin (A)	0,01 mg/kg	alachlor (A)	0,01 mg/kg	aldrin and dieldrin (aldrin and dieldrin combined expressed as dieldrin) (A)	0,01 mg/kg
anthraquinone (A)	0,01 mg/kg	benalaxyl including other mixtures of constituent isomers including benalaxyl-M (sum of isomers) (A)	0,01 mg/kg	benfluralin (A)	0,01 mg/kg	bifenox (A)	0,01 mg/kg
bifenthrin (sum of isomers) (A)	0,01 mg/kg	biphenyl (A)	0,01 mg/kg	bixafen (A)	0,01 mg/kg	bromophos (bromophos-methyl) (A)	0,01 mg/kg
bromophos-ethyl (A)	0,01 mg/kg	bromopropylate (A)	0,01 mg/kg	butachlor (A)	0,01 mg/kg	butafenacil (A)	0,01 mg/kg
butralin (A)	0,01 mg/kg	butylate (A)	0,01 mg/kg	cadusafos (A)	0,01 mg/kg	captan (Sum of captan and THPI, expressed as captan)	0,01 mg/kg
carbophenothion (A)	0,01 mg/kg	chinomethionate	0,01 mg/kg	chlordane (sum of cis- and trans-chlordane)	0,01 mg/kg	chlorfenapyr (A)	0,01 mg/kg
chlorfenson (A)	0,01 mg/kg	chlormephos (A)	0,01 mg/kg	chlorobenside (A)	0,01 mg/kg	chlorobenzilate (A)	0,01 mg/kg
chloroneb (A)	0,01 mg/kg	chlorothalonil	0,01 mg/kg	chlorpropham (A)	0,01 mg/kg	chlorpyrifos (A)	0,01 mg/kg
chlorpyrifos-methyl (A)	0,01 mg/kg	chlorthal-dimethyl (A)	0,01 mg/kg	chlozolinate (A)	0,01 mg/kg	coumaphos (A)	0,01 mg/kg
cycloate	0,01 mg/kg	cyflufenamid: sum of cyflufenamid (Z-isomer) and its E-isomer (A)	0,01 mg/kg	cyfluthrin (cyfluthrin including other mixtures of constituent isomers (sum of isomers)) (A)	0,01 mg/kg	cyhalofop-butyl (A)	0,01 mg/kg
cypermethrin (cypermethrin including other mixtures of constituent isomers (sum of isomers)) (A)	0,01 mg/kg	DDD (o,p'-)	0,01 mg/kg	DDE (op')	0,01 mg/kg	DDT (sum of p,p'-DDT, o,p'-DDT, p,p'-DDE and p,p'-TDE (DDD) expressed as DDT)	0,01 mg/kg
DEET (N,N-diethyl-M-toluamide) (A)	0,01 mg/kg	deltamethrin (cis-deltamethrin) (A)	0,01 mg/kg	desmetryn (A)	0,01 mg/kg	diazinon (A)	0,01 mg/kg
dichlobenil (A)	0,01 mg/kg	dichlofenthion (A)	0,01 mg/kg	dichlofluanide	0,01 mg/kg	dichlormid (A)	0,01 mg/kg
dichlorvos (A)	0,01 mg/kg	Diclofop (sum diclofop-methyl and diclofop acid expressed as diclofop-methyl) (A)	0,01 mg/kg	dicloran (A)	0,01 mg/kg	dicofof (sum of p, p' and o,p' isomers)	0,01 mg/kg
diethofencarb (A)	0,01 mg/kg	dimethachlor (A)	0,01 mg/kg	dimethipin (A)	0,01 mg/kg	diphenamid (A)	0,01 mg/kg
diphenylamine (A)	0,01 mg/kg	ditalifos (A)	0,01 mg/kg	endosulfan (sum of alpha- and beta-isomers and endosulfan-sulphate expressed as endosulfan) (A)	0,01 mg/kg	endrin (A)	0,01 mg/kg
EPN (A)	0,01 mg/kg	EPTC (ethyl dipropylthiocarbamate) (A)	0,01 mg/kg	ethalfuralin (A)	0,01 mg/kg	ethion (A)	0,01 mg/kg
ethofumesate (sum of ethofumesate and the metabolite 2,3-dihydro-3,3-dimethyl-2-oxo-benzofuran-5-yl methane sulphonate expressed as ethofumesate) (A)	0,01 mg/kg	ethoprophos (A)	0,01 mg/kg	etofenprox (A)	0,01 mg/kg	etridiazole (A)	0,01 mg/kg
etrimfos (A)	0,01 mg/kg	famoxadone (A)	0,01 mg/kg	fenchlorphos (sum of fenchlorphos and fenchlorphos oxon expressed as fenchlorphos) (A)	0,01 mg/kg	fenitrothion (A)	0,01 mg/kg



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**GMSZ\_01\_A - Multi-residue method for the quantification of selected pesticides in vegetable commodities & feed by GC-MSMS (organic limits) - accredited**

Substance & Accr.	R.L.	Substance & Accr.	R.L.	Substance & Accr.	R.L.	Substance & Accr.	R.L.
fenprothrin (A)	0,01 mg/kg	fenpropimorph (sum of isomers) (A)	0,01 mg/kg	fenson (A)	0,01 mg/kg	fenvalerate (any ratio of constituent isomers (RR, SS, RS & SR) including esfenvalerate) (A)	0,01 mg/kg
fipronil (sum fipronil + sulfone metabolite (MB46136) expressed as fipronil) (A)	0,005 mg/kg	fipronil-desulfinyl (A)	0,01 mg/kg	flucythrinate (flucythrinate including other mixtures of constituent isomers (sum of isomers)) (A)	0,01 mg/kg	fludioxonil (A)	0,01 mg/kg
flumetralin (A)	0,01 mg/kg	flumioxazin (A)	0,01 mg/kg	Fluvalinate (sum of isomers) resulting from the use of tau-fluvalinate (F) (A)	0,01 mg/kg	formothion (A)	0,01 mg/kg
furalaxyl (A)	0,01 mg/kg	HCH (delta-) (A)	0,01 mg/kg	heptachlor (sum of heptachlor and heptachlor epoxide expressed as heptachlor) (A)	0,01 mg/kg	heptenophos (A)	0,01 mg/kg
hexachlorobenzene (A)	0,01 mg/kg	Hexachlorocyclohexane (HCH), alpha-isomer (A)	0,01 mg/kg	Hexachlorocyclohexane (HCH), beta-isomer	0,01 mg/kg	iodofenfos (A)	0,01 mg/kg
Ipconazole (sum of constituent isomers)	0,01 mg/kg	isocarbofos (A)	0,01 mg/kg	isodrin	0,01 mg/kg	isofenphos (-ethyl) (A)	0,01 mg/kg
isofenphos-methyl (A)	0,01 mg/kg	isoprocarb (A)	0,01 mg/kg	isopropalin (A)	0,01 mg/kg	lambda-cyhalothrin (includes gamma-cyhalothrin) (sum of R,S and S,R isomers) (A)	0,01 mg/kg
leptophos (A)	0,01 mg/kg	lindane (Gamma-isomer of hexachlorocyclohexane (HCH)) (A)	0,01 mg/kg	malathion (sum of malathion and malaoxon expressed as malathion) (A)	0,01 mg/kg	mecarbam (A)	0,01 mg/kg
mepronil (A)	0,01 mg/kg	methacrifos (A)	0,01 mg/kg	methidathion (A)	0,01 mg/kg	methoxychlor	0,01 mg/kg
metrafenone (A)	0,01 mg/kg	metribuzin	0,01 mg/kg	mevinphos (sum of E- and Z-isomers) (A)	0,01 mg/kg	mirex (A)	0,01 mg/kg
nitrapyrin (A)	0,01 mg/kg	nitrofen (A)	0,01 mg/kg	oxadiazon (A)	0,01 mg/kg	oxychlorthane	0,01 mg/kg
oxyfluorfen (A)	0,01 mg/kg	parathion (A)	0,01 mg/kg	parathion-methyl (sum of parathion-methyl and paraoxon-methyl expressed as parathion-methyl)	0,01 mg/kg	pebulate (A)	0,01 mg/kg
pendimethalin (A)	0,01 mg/kg	pentachloroanisol (A)	0,01 mg/kg	penhiopyrad (A)	0,01 mg/kg	permethrin (sum of isomers) (A)	0,01 mg/kg
phenothrin (phenothrin including other mixtures of constituent isomers (sum of isomers)) (A)	0,01 mg/kg	phosalone (A)	0,01 mg/kg	piperonyl-butoxyde (A)	0,01 mg/kg	pirimifos-ethyl (A)	0,01 mg/kg
pirimiphos-methyl (A)	0,01 mg/kg	pretilachlor (A)	0,01 mg/kg	procymidone (A)	0,01 mg/kg	profluralin (A)	0,01 mg/kg
prometryn (A)	0,01 mg/kg	propargite (A)	0,01 mg/kg	prothiofos (A)	0,01 mg/kg	pyrazophos (A)	0,01 mg/kg
pyridaben (A)	0,01 mg/kg	pyriofenone (A)	0,01 mg/kg	pyriproxyfen (A)	0,01 mg/kg	quinalphos (A)	0,01 mg/kg
quinoxifen (A)	0,01 mg/kg	quintozene (sum of quintozene and pentachloro-aniline expressed as quintozene) (A)	0,01 mg/kg	silaflofen (A)	0,01 mg/kg	silthiofam (A)	0,01 mg/kg
spirodiclofen (A)	0,01 mg/kg	spiromesifen (A)	0,01 mg/kg	sulfotep (A)	0,01 mg/kg	sulprofos (A)	0,01 mg/kg
tecnazene (A)	0,01 mg/kg	tefluthrin (A)	0,01 mg/kg	terbacil (A)	0,01 mg/kg	terbutylazine (A)	0,01 mg/kg
terbutryn (A)	0,01 mg/kg	tetrachlorvinphos (A)	0,01 mg/kg	tetradifon (A)	0,01 mg/kg	tolclofos-methyl (A)	0,01 mg/kg
tofenpyrad (A)	0,01 mg/kg	tolyfluanid (sum of tolyfluanid and dimethylaminosulfotoluidi de expressed as tolyfluanid)	0,01 mg/kg	transfluthrin (A)	0,01 mg/kg	tri-allate (A)	0,01 mg/kg
trifluralin (A)	0,01 mg/kg	vinclozolin (A)	0,01 mg/kg				



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**HYDRZ\_01\_A - Multi-residue method for the quantification of phenoxy acidic herbicides in vegetable commodities & feed by LC-MSMS negative mode after hydrolysis (organic limits) - accredited**

Substance & Accr.	R.L.	Substance & Accr.	R.L.	Substance & Accr.	R.L.	Substance & Accr.	R.L.
2,4,5-T (sum of 2,4,5-T, its salts and esters, expressed as 2,4,5-T) (A)	0,01 mg/kg	2,4-D (sum of 2,4-D its salts, its esters and its conjugates expressed as 2,4-D) (A)	0,01 mg/kg	2,4-DB (sum of 2,4-DB its salts, its esters and its conjugates expressed as 2,4-DB) (A)	0,01 mg/kg	Aminopyralid (sum of aminopyralid, its salts and its conjugates, expressed as aminopyralid)	0,01 mg/kg
dichlorprop (sum of dichlorprop (including dichlorprop-P), its salts, esters and conjugates, expressed as dichlorprop) (A)	0,01 mg/kg	fluzifop-P (sum of all the constituent isomers of fluzifop, its esters and its conjugates, expressed as fluzifop) (A)	0,01 mg/kg	fluroxypyr (sum of fluroxypyr, its salts, its esters, and its conjugates, expressed as fluroxypyr) (A)	0,01 mg/kg	haloxyfop (Sum of haloxyfop, its esters, salts and conjugates expressed as haloxyfop (sum of the R- and S-isomers at any ratio)) (A)	0,01 mg/kg
MCPA and MCPB (MCPA, MCPB including their salts, esters and conjugates, expressed as MCPA) (A)	0,01 mg/kg	pyridate (sum of pyridate, its hydrolysis product CL 9673 (6-chloro-4-hydroxy-3-phenylpyridazin) and hydrolysable conjugates of CL 9673 expressed as p) (A)	0,01 mg/kg	Quizalofop (sum of quizalofop, its salts, its esters (including propaquizafop) and its conjugates, expressed as quizalofop (any ratio of constituent i) (A)	0,01 mg/kg	sum of M4 and M6 (both free and conjugated), expressed as pinoxaden (A)	0,01 mg/kg

**LMSZ\_01\_A - Multi-residue method for the quantification of selected pesticides in vegetable commodities & feed by LC-MSMS (organic limits) - accredited**

Substance & Accr.	R.L.	Substance & Accr.	R.L.	Substance & Accr.	R.L.	Substance & Accr.	R.L.
2-(1-naphtyl)acetamide (A)	0,01 mg/kg	6-benzyladenine (A)	0,01 mg/kg	8-hydroxyquinoline (sum of 8-hydroxyquinoline and its salts, expressed as 8-hydroxyquinoline) (A)	0,01 mg/kg	Abamectin (sum of avermectin B1a, avermectin B1b and delta-8,9 isomer of avermectin B1a, expressed as avermectin B1a) (A)	0,01 mg/kg
acephate (A)	0,01 mg/kg	acequinocyl (A)	0,02 mg/kg	acetamidrid (A)	0,01 mg/kg	afidopyropen (A)	0,01 mg/kg
aldicarb (sum of aldicarb, its sulfoxide and its sulfone, expressed as aldicarb) (A)	0,01 mg/kg	allethrin (A)	0,01 mg/kg	ametoctradin (A)	0,01 mg/kg	ametryn (A)	0,01 mg/kg
amidosulfuron (A)	0,01 mg/kg	aminocarb (A)	0,01 mg/kg	aminocyclopyrachlor (A)	0,01 mg/kg	amisulbrom (A)	0,01 mg/kg
asulam (A)	0,01 mg/kg	atrazin (A)	0,01 mg/kg	azadirachtin (A)	0,01 mg/kg	azimsulfuron (A)	0,01 mg/kg
azinphos-ethyl (A)	0,01 mg/kg	azinphos-methyl (A)	0,01 mg/kg	azoxystrobine (A)	0,01 mg/kg	barban (A)	0,01 mg/kg
beflubutamid (A)	0,01 mg/kg	bendiocarb (A)	0,01 mg/kg	bensulfuron-methyl (A)	0,01 mg/kg	benthiavalicarb (A)	0,01 mg/kg
benzobicyclon (A)	0,01 mg/kg	benzovindiflupyr	0,01 mg/kg	Bifenazate (sum of bifenazate plus bifenazate-diazene expressed as bifenazate) (A)	0,01 mg/kg	bispyribac-sodium (A)	0,01 mg/kg
bitertanol (sum of isomers) (A)	0,01 mg/kg	boscalid (A)	0,01 mg/kg	bromacil (A)	0,01 mg/kg	bromuconazole (sum of diastereoisomers) (A)	0,01 mg/kg
bupirimate (A)	0,01 mg/kg	buprofezin (A)	0,01 mg/kg	carbaryl (A)	0,01 mg/kg	carbendazim and benomyl (sum of benomyl and carbendazim expressed as carbendazim) (A)	0,01 mg/kg
carbetamide (sum of carbetamide and its S isomer) (A)	0,01 mg/kg	carbofuran (sum of carbofuran (including any carbofuran generated from carbosulfan, benfuracarb or furathiocarb) and 3-OH carbofuran expressed as carb) (A)	0,005 mg/kg	Carboxin (carboxin plus its metabolites carboxin sulfoxide and oxycarboxin (carboxin sulfone), expressed as carboxin) (A)	0,01 mg/kg	carfentrazone-ethyl (determined as carfentrazone and expressed as carfentrazone-ethyl) (A)	0,01 mg/kg
chlorantranilprole (DPX E-2Y45) (A)	0,01 mg/kg	chlorbromuron (A)	0,01 mg/kg	chlorfenvinphos (A)	0,01 mg/kg	chlorflazuron (A)	0,01 mg/kg
chloridazon (sum of chloridazon and chloridazon-desphenyl, expressed as chloridazon) (A)	0,01 mg/kg	chlorotoluron (A)	0,01 mg/kg	chloroxuron (A)	0,01 mg/kg	chlorsulfuron (A)	0,01 mg/kg
clethodim (sum of sethoxydim and clethodim including degradation products calculated as sethoxydim) (A)	0,01 mg/kg	clodinafop-propargyl (A)	0,01 mg/kg	clofentezine (A)	0,01 mg/kg	clomazone (A)	0,01 mg/kg
clothianidin (A)	0,01 mg/kg	cyanazin (A)	0,01 mg/kg	cyantranilprole (A)	0,01 mg/kg	cyazofamid (A)	0,01 mg/kg



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**LMSZ\_01\_A - Multi-residue method for the quantification of selected pesticides in vegetable commodities & feed by LC-MSMS (organic limits) - accredited**

Substance & Accr.	R.L.	Substance & Accr.	R.L.	Substance & Accr.	R.L.	Substance & Accr.	R.L.
cycloxydim (A)	0,01 mg/kg	cyflumetofen (A)	0,01 mg/kg	cymiazole (A)	0,01 mg/kg	cymoxanil (A)	0,01 mg/kg
cyproconazole (A)	0,01 mg/kg	cyprodinil (A)	0,01 mg/kg	demeton-s-methyl (A)	0,01 mg/kg	desmedipham (A)	0,01 mg/kg
diafenthion	0,01 mg/kg	diallate (A)	0,01 mg/kg	dicrotophos (A)	0,01 mg/kg	difenoconazole (A)	0,01 mg/kg
diflubenzuron (A)	0,01 mg/kg	diflufenican (A)	0,01 mg/kg	dimefox (A)	0,01 mg/kg	dimefuron (A)	0,01 mg/kg
dimethenamid including other mixtures of constituent isomers including dimethenamid-P (sum of isomers) (A)	0,01 mg/kg	dimethoate (A)	0,01 mg/kg	dimethomorph (sum of isomers) (A)	0,01 mg/kg	dimoxystrobin (A)	0,01 mg/kg
Diniconazole (sum of isomers) (A)	0,01 mg/kg	dinotefuran (A)	0,01 mg/kg	disulfoton (sum of disulfoton, disulfoton sulfoxide and disulfoton sulfone expressed as disulfoton) (A)	0,01 mg/kg	diuron (A)	0,01 mg/kg
dodemorph (A)	0,01 mg/kg	dodine (A)	0,01 mg/kg	emamectin B1a and its salts, expressed as emamectin B1a (free base) (A)	0,002 mg/kg	emamectin benzoate B1b (A)	0,002 mg/kg
epoxiconazole (A)	0,01 mg/kg	ethametsulfuron-methyl (A)	0,01 mg/kg	ethiofencarb (A)	0,01 mg/kg	ethirimol (A)	0,01 mg/kg
ethoxysulfuron (A)	0,01 mg/kg	etoxazole (A)	0,01 mg/kg	famophos (A)	0,01 mg/kg	fenamidone (A)	0,01 mg/kg
fenamiphos (sum of fenamiphos and its sulphoxide and sulphone expressed as fenamiphos) (A)	0,01 mg/kg	fenarimol (A)	0,01 mg/kg	fenazaquin (A)	0,01 mg/kg	fenbuconazole (sum of constituent enantiomers) (A)	0,01 mg/kg
fenhexamid (A)	0,01 mg/kg	fenobucarb (A)	0,01 mg/kg	fenoxaprop-P (A)	0,01 mg/kg	fenoxaprop-P-ethyl (A)	0,01 mg/kg
fenoxycarb (A)	0,01 mg/kg	fencicoxamid (A)	0,01 mg/kg	fenpropidin (sum of fenpropidin and its salts, expressed as fenpropidin) (A)	0,01 mg/kg	fenpyrazamine (A)	0,01 mg/kg
fenpyroximate (A)	0,01 mg/kg	fensulfothion (A)	0,01 mg/kg	fensulfothion-oxon (A)	0,01 mg/kg	fensulfothion-oxon-sulfon (A)	0,01 mg/kg
fensulfothion-sulfon (A)	0,01 mg/kg	fenthion (fenthion and its oxygen analogue, their sulfoxides and sulfone expressed as parent) (A)	0,01 mg/kg	flazasulfuron (A)	0,01 mg/kg	flonicamid (sum of flonicamid, TFNA and TFNG expressed as flonicamid) (A)	0,01 mg/kg
florasulam (A)	0,01 mg/kg	florpyrauxifen-benzyl (A)	0,01 mg/kg	florpylcoxamid (A)	0,01 mg/kg	Fluazifop-P (sum of fluazifop and fluazifop-butyl, including P) (A)	0,01 mg/kg
fluazinam (A)	0,01 mg/kg	flubendiamide (A)	0,01 mg/kg	fluensulfone (A)	0,01 mg/kg	flufenacet (A)	0,01 mg/kg
flufenoxuron (A)	0,01 mg/kg	fluometuron	0,01 mg/kg	fluopicolide (A)	0,01 mg/kg	fluopyram (A)	0,01 mg/kg
fluoxastrobin (A)	0,01 mg/kg	flupyradifurone (A)	0,01 mg/kg	flupyrsulfuron-methyl (A)	0,01 mg/kg	fluquinconazole (A)	0,01 mg/kg
flurochloridon (A)	0,01 mg/kg	fluroxypyr	0,01 mg/kg	flurprimidol (A)	0,01 mg/kg	flurtamone (A)	0,01 mg/kg
flusilazole (A)	0,01 mg/kg	fluthiacet-methyl (A)	0,01 mg/kg	flutianil (A)	0,01 mg/kg	flutolanil (A)	0,01 mg/kg
flutriafol (A)	0,01 mg/kg	fluxapyroxad (A)	0,01 mg/kg	fomesafen (A)	0,01 mg/kg	fonofos (A)	0,01 mg/kg
foramsulfuron (A)	0,01 mg/kg	forchlorfenuron (A)	0,01 mg/kg	formetanate: sum of formetanate and its salts expressed as formetanate (hydrochloride) (A)	0,01 mg/kg	fosthiazate (A)	0,01 mg/kg
fuberidazole (A)	0,01 mg/kg	Halauxifen-methyl (sum of halauxifen-methyl and X11393729 (halauxifen), expressed as halauxifen-methyl)	0,01 mg/kg	halosulfuron methyl (A)	0,01 mg/kg	haloxyfop including haloxyfop-R (Haloxyfop-R methyl ester and haloxyfop-R expressed as haloxyfop-R) (A)	0,01 mg/kg
hexaconazole (A)	0,01 mg/kg	hexazinone (A)	0,01 mg/kg	hexythiazox (any ratio of constituent isomers) (A)	0,01 mg/kg	hymexazol (A)	0,01 mg/kg
icaridin (A)	0,01 mg/kg	imazalil (A)	0,01 mg/kg	imazamox (sum of imazamox and its salts, expressed as imazamox)	0,01 mg/kg	imazapyr	0,01 mg/kg
imazaquin	0,01 mg/kg	imazosulfuron (A)	0,01 mg/kg	imidacloprid (A)	0,01 mg/kg	indoxacarb (sum of indoxacarb and its R enantiomer) (A)	0,01 mg/kg
iodosulfuron-methyl (sum of iodosulfuron-methyl and its salts, expressed as iodosulfuron-methyl) (A)	0,01 mg/kg	iprobenfos (A)	0,01 mg/kg	iprodione (A)	0,01 mg/kg	iprovalicarb (A)	0,01 mg/kg





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**LMSZ\_01\_A - Multi-residue method for the quantification of selected pesticides in vegetable commodities & feed by LC-MSMS (organic limits) - accredited**

Substance & Accr.	R.L.	Substance & Accr.	R.L.	Substance & Accr.	R.L.	Substance & Accr.	R.L.
isazofos (A)	0,01 mg/kg	isocycloseram (A)	0,01 mg/kg	isofetamid	0,01 mg/kg	isoprothiolane (A)	0,01 mg/kg
isoproturon (IPU) (A)	0,01 mg/kg	isopyrazam (A)	0,01 mg/kg	isoxaben (A)	0,01 mg/kg	Isoxaflutole (sum of isoxaflutole and its diketonitrile-metabolite, expressed as isoxaflutole) (A)	0,01 mg/kg
karanjin (A)	0,01 mg/kg	kresoxim-methyl (A)	0,01 mg/kg	lenacil (A)	0,01 mg/kg	linuron (A)	0,01 mg/kg
lufenuron (any ratio of constituent isomers) (A)	0,01 mg/kg	mandestrobin (A)	0,01 mg/kg	mandipropamid (A)	0,01 mg/kg	matrine	0,01 mg/kg
mefentrifluconazole	0,01 mg/kg	mepanipyrim (A)	0,01 mg/kg	mesosulfuron-methyl (A)	0,01 mg/kg	mesotrione (A)	0,01 mg/kg
metaflumizone (sum of E- and Z- isomers) (A)	0,01 mg/kg	metalaxyl and metalaxyl-M (metalaxyl including other mixtures of constituent isomers including metalaxyl-M (sum of isomers)) (A)	0,01 mg/kg	metaldehyde	0,01 mg/kg	metamitron (A)	0,01 mg/kg
Metazachlor (Sum of metabolites 479M04 and 479M08 expressed as metazachlor) (A)	0,01 mg/kg	metconazole (sum of isomers) (A)	0,01 mg/kg	methabenzthiazuron (A)	0,01 mg/kg	methamidophos (A)	0,01 mg/kg
methiocarb (sum of methiocarb and methiocarb sulfoxide and sulfone, expressed as methiocarb) (A)	0,01 mg/kg	methomyl (A)	0,01 mg/kg	methoxyfenozide (A)	0,01 mg/kg	metolachlor and S-metolachlor (metolachlor including other mixtures of constituent isomers including S-metolachlor (sum of isomers)) (A)	0,01 mg/kg
metolcarb (A)	0,01 mg/kg	metosulam (A)	0,01 mg/kg	metoxuron (A)	0,01 mg/kg	metosulfuron-methyl (A)	0,01 mg/kg
Milbemectin (sum of milbemycin A4 and milbemycin A3, expressed as milbemectin) (A)	0,02 mg/kg	molinate (A)	0,01 mg/kg	monocrotophos (A)	0,01 mg/kg	monolinuron (A)	0,01 mg/kg
myclobutanil (A)	0,01 mg/kg	naled	0,01 mg/kg	napropamide (A)	0,01 mg/kg	neburon (A)	0,01 mg/kg
nicosulfuron (A)	0,01 mg/kg	nitenpyram (A)	0,01 mg/kg	novaluron (sum of constituent isomers) (A)	0,01 mg/kg	nuarimol (A)	0,01 mg/kg
ofurace (A)	0,01 mg/kg	omethoate (A)	0,01 mg/kg	oxadiargyl (A)	0,01 mg/kg	oxadixyl (A)	0,01 mg/kg
oxamyl (A)	0,005 mg/kg	oxathiapiprolin	0,01 mg/kg	oxydemeton-methyl (sum of oxydemeton-methyl and demeton-S-methylsulfone expressed as oxydemeton-methyl) (A)	0,01 mg/kg	oxymatrine (A)	0,01 mg/kg
paclobutrazol (A)	0,01 mg/kg	paraoxon-ethyl (A)	0,01 mg/kg	penconazole (A)	0,01 mg/kg	Pencycuron (sum of pencycuron and pencycuron-PB-amine, expressed as pencycuron) (A)	0,01 mg/kg
penflufen (A)	0,01 mg/kg	penoxsulam (A)	0,01 mg/kg	pethoxamid (A)	0,01 mg/kg	phenmedipham (A)	0,01 mg/kg
phentoate (A)	0,01 mg/kg	Phorate (sum of phorate, its oxygen analogue and their sulfones expressed as phorate) (A)	0,01 mg/kg	phosmet (A)	0,005 mg/kg	phosphamidon (A)	0,01 mg/kg
phoxim (A)	0,01 mg/kg	picolinafen (A)	0,01 mg/kg	picoxystrobin (A)	0,01 mg/kg	pirimicarb (A)	0,01 mg/kg
Prochloraz (sum of prochloraz, BTS 44595 (M201-04) and BTS 44596 (M201-03), expressed as prochloraz) (A)	0,01 mg/kg	profenofos (A)	0,01 mg/kg	profoxydim (A)	0,01 mg/kg	promecarb (A)	0,01 mg/kg
propamocarb (sum of propamocarb and its salt expressed as propamocarb) (A)	0,01 mg/kg	propanil (A)	0,01 mg/kg	propazin (A)	0,01 mg/kg	propham (A)	0,01 mg/kg
propiconazole (sum of isomers) (A)	0,01 mg/kg	propoxur (A)	0,005 mg/kg	Propoxycarbazone (propoxycarbazone, its salts and 2-hydroxypropoxycarbazone expressed as propoxycarbazone) (A)	0,01 mg/kg	propyzamide (A)	0,01 mg/kg
proquinazid (A)	0,01 mg/kg	prosulfocarb (A)	0,01 mg/kg	prosulfuron (A)	0,01 mg/kg	prothioconazole: prothioconazole-dethio (sum of isomers) (A)	0,01 mg/kg



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**LMSZ\_01\_A - Multi-residue method for the quantification of selected pesticides in vegetable commodities & feed by LC-MSMS (organic limits) - accredited**

Substance & Accr.	R.L.	Substance & Accr.	R.L.	Substance & Accr.	R.L.	Substance & Accr.	R.L.
pydiflumetofen (A)	0,01 mg/kg	pymetrozine (A)	0,01 mg/kg	pyraclostrobin (A)	0,01 mg/kg	Pyraflufen-ethyl (Sum of pyraflufen-ethyl and pyraflufen, expressed as pyraflufen-ethyl) (A)	0,01 mg/kg
pyrethrins (total)	0,01 mg/kg	pyridalyl (A)	0,01 mg/kg	pyridaphenthion (A)	0,01 mg/kg	Pyridate (sum of pyridate, its hydrolysis product CL 9673 (6-chloro-4-hydroxy-3-phenylpyridazin))	0,01 mg/kg
pyrifenox (A)	0,01 mg/kg	pyrimethanil (A)	0,01 mg/kg	pyrimidifen (A)	0,01 mg/kg	quinclorac (A)	0,01 mg/kg
quinmerac	0,01 mg/kg	quinoclamine	0,01 mg/kg	Quizalofop (sum of quizalofop, propaquizafop, quizalofop-ethyl and quizalofop-P-tefuryl)	0,01 mg/kg	resmethrin (A)	0,01 mg/kg
rimsulfuron (A)	0,01 mg/kg	rotenone (A)	0,01 mg/kg	Saflufenacil (sum of saflufenacil, M800H11 and M800H35, expressed as saflufenacil) (A)	0,01 mg/kg	sedaxane (sum of isomers) (A)	0,01 mg/kg
simazine (A)	0,01 mg/kg	sintofen (A)	0,01 mg/kg	spinetoram (sum of spinetoram-J and spinetoram-L) (A)	0,01 mg/kg	spinosad (spinosad, sum of spinosyn A and spinosyn D) (A)	0,01 mg/kg
spinosyn J (A)	0,01 mg/kg	spinosyn L (A)	0,01 mg/kg	spirotetramat and spirotetramat-enol (sum of), expressed as spirotetramat (A)	0,01 mg/kg	spiroxamine (sum of isomers) (A)	0,01 mg/kg
sulcotrione (A)	0,01 mg/kg	sulfentrazone (A)	0,01 mg/kg	sulfosulfuron (A)	0,01 mg/kg	sulfoxaflor (sum of isomers) (A)	0,01 mg/kg
Sum of metabromuron and 4-bromophenylurea, expressed as metabromuron (A)	0,01 mg/kg	tebuconazole (A)	0,01 mg/kg	tebufenozide (A)	0,01 mg/kg	tebufenpyrad (A)	0,01 mg/kg
Tembotrione (Sum of parent tembotrione (AE 0172747) and its metabolite M5 (4,6-dihydroxy tembotrione), expressed as tembotrione) (A)	0,01 mg/kg	temefos	0,01 mg/kg	tepp (A)	0,01 mg/kg	tepraloxymid (A)	0,01 mg/kg
terbufos (A)	0,01 mg/kg	terbufos-sulfon (A)	0,01 mg/kg	terbufos-sulfoxide (A)	0,01 mg/kg	tetraconazole (sum of constituent isomers) (A)	0,01 mg/kg
tetramethrine (A)	0,01 mg/kg	tetraniliprole (A)	0,01 mg/kg	thiabendazole (A)	0,01 mg/kg	thiacloprid (A)	0,01 mg/kg
thiametoxam (A)	0,01 mg/kg	thiencarbazone-methyl (A)	0,01 mg/kg	thifensulfuron-methyl (A)	0,01 mg/kg	thifluzamide (A)	0,01 mg/kg
thiobencarb (A)	0,01 mg/kg	thiocyclam (A)	0,01 mg/kg	thiodicarb (A)	0,01 mg/kg	thionazin (A)	0,01 mg/kg
thiophanate-methyl (A)	0,01 mg/kg	tioxazafen (A)	0,01 mg/kg	tralkoxydim (A)	0,01 mg/kg	triadimefon (A)	0,01 mg/kg
triadimenol (any ratio of constituent isomers) (A)	0,01 mg/kg	triasulfuron (A)	0,01 mg/kg	triazamate (A)	0,01 mg/kg	triazophos (A)	0,01 mg/kg
triazoxide (A)	0,003 mg/kg	trichlorfon (A)	0,01 mg/kg	tricyclazole (A)	0,01 mg/kg	tridemorph (A)	0,01 mg/kg
trifloxystrobin (A)	0,01 mg/kg	Triflumizole: Triflumizole and metabolite FM-6-1 (N-(4-chloro-2-trifluoromethylphenyl)-n-propoxyacetamide), expressed as Triflumizole (A)	0,01 mg/kg	triflumuron (A)	0,01 mg/kg	triflusaluron (A)	0,01 mg/kg
triforine (A)	0,01 mg/kg	trimethacarb (A)	0,01 mg/kg	trinexapac (sum of trinexapac (acid) and its salts, expressed as trinexapac) (A)	0,01 mg/kg	triticonazole (A)	0,01 mg/kg
tritosulfuron (A)	0,01 mg/kg	valifenalate (A)	0,01 mg/kg	vamidotion (A)	0,01 mg/kg	zoxamide (A)	0,01 mg/kg

**MYC - Multi-method for the quantification of mycotoxins in animal feed, cereals and cereal products, coffee, dried fruits and nuts by LC-MSMS - accredited**

Substance & Accr.	R.L.	Substance & Accr.	R.L.	Substance & Accr.	R.L.	Substance & Accr.	R.L.
3+15 acetyl-deoxynivalenol (A)	20,0 µg/kg	aflatoxine B1 (A)	1,0 µg/kg	aflatoxine B1+B2+G1+G2 (A)	1,0 µg/kg	aflatoxine B2 (A)	1,0 µg/kg
aflatoxine G1 (A)	1,0 µg/kg	aflatoxine G2 (A)	1,0 µg/kg	cytochalasine E (A)	2,0 µg/kg	deoxynivalenol (DON) (A)	20,0 µg/kg
fumonisin B1+B2 (A)	20,0 µg/kg	nivalenol (A)	50,0 µg/kg	ochratoxine-A (OTA) (A)	1,0 µg/kg	T2 & HT2 -toxin (A)	10,0 µg/kg





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**MYC - Multi-method for the quantification of mycotoxins in animal feed, cereals and cereal products, coffee, dried fruits and nuts by LC-MSMS - accredited**

Substance & Accr.	R.L.	Substance & Accr.	R.L.	Substance & Accr.	R.L.	Substance & Accr.	R.L.
zearalenone (A)	15,0 µg/kg						

**NIC\_01\_A - Specific method for the quantification of nicotine in vegetable commodities with high water content, fresh and dried fungi, difficult and unique matrices by LC-MSMS - accredited**

Substance & Accr.	R.L.	Substance & Accr.	R.L.	Substance & Accr.	R.L.	Substance & Accr.	R.L.
nicotine (A)	0,01 mg/kg						

**QU1 - Multi-residue method for the quantification of chlormequat and mepiquat in vegetable commodities & feed by LC-MSMS - accredited**

Substance & Accr.	R.L.	Substance & Accr.	R.L.	Substance & Accr.	R.L.	Substance & Accr.	R.L.
Chlormequat (sum of chlormequat and its salts, expressed as chlormequat-chloride) (A)	0,01 mg/kg	mepiquat (sum of mepiquat and its salts, expressed as mepiquat chloride) (A)	0,01 mg/kg				

**QU2 - Multi-residue method for the quantification of paraquat and diquat in vegetable commodities & feed by LC-MSMS - accredited**

Substance & Accr.	R.L.	Substance & Accr.	R.L.	Substance & Accr.	R.L.	Substance & Accr.	R.L.
diquat (A)	0,01 mg/kg	paraquat (A)	0,01 mg/kg				

**ZMCD\_01\_A - Specific method for the determination of cadmium in vegetable commodities and feed by ICP-MS based on EN ISO 15763 - accredited**

Substance & Accr.	R.L.	Substance & Accr.	R.L.	Substance & Accr.	R.L.	Substance & Accr.	R.L.
cadmium (A)	0,01 mg/kg						

**ZMNI\_01\_A - Specific method for the determination of nickel in vegetable commodities and feed by ICP-MS based on EN ISO 15763 - accredited**

Substance & Accr.	R.L.	Substance & Accr.	R.L.	Substance & Accr.	R.L.	Substance & Accr.	R.L.
nickel (A)	0,2 mg/kg						

**ZMPB\_01\_A - Specific method for the determination of lead in vegetable commodities and feed by ICP-MS based on EN ISO 15763 - accredited**

Substance & Accr.	R.L.	Substance & Accr.	R.L.	Substance & Accr.	R.L.	Substance & Accr.	R.L.
lead (A)	0,01 mg/kg						



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**Remarks:**

- The results mentioned above are only related to the sample as received by the laboratory.
- PRIMORIS cannot be held responsible for the validity of the results in case that information is provided by the client which can affect the validity of these results.
- Reporting Limits of all compounds per method are available in the client-section of [www.primoris-lab.com](http://www.primoris-lab.com)
- PRIMORIS can not be held responsible for any errors in the legal regulation mentioned in this report. These are made available solely for the purpose of information and refer to the products as specified in the applicable legislation. No MRLs are stated for animal products (with the exception of milk, honey and eggs).
- (\*): partial product, included in a residue definition
- (a): tolerance not assignable, see relevant legislation.
- (c): sample type - pesticide combination not allowed, see corresponding legislation
- (d): no MRL required
- This certificate of analysis may not be reproduced, except in entire form with a written permission of the management.
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- Feed results are not corrected to a 12% moisture content
- When trace values are reported (until 1/3th of the original reporting limit), the result value is semi-quantitative and non-accredited.
- Full scope of methods available on the Primoris client portal and/or another report lay-out

- U: the expanded measurement uncertainty U (by multiplying the measurement uncertainty with factor 2 what produces a 95% reliability interval) is expressed as % of the analysis result x. Result to be read as  $x \pm (x \cdot U/100)$ .

- The expanded measurement uncertainty U is mentioned next to each found compound. The measurement uncertainty arising from sampling is not included in the expanded measurement uncertainty.

The provided laboratory sample is homogenised and mixed in its entirety, unless the provided sample quantity exceeds 2 kg, in that case a subsample is taken, which, in turn, is homogenised and mixed in its entirety. If homogenisation as slurry is requested, samples above 5 kg are also homogenised and mixed in its entirety.

- For pesticides, in case of (b), the default expanded measurement uncertainty is 50% as mentioned in the SANTE 11312/2021 v2 document

- For pesticides the process factor (concentration factor) of dried, concentrated or processed products, should be used to recalculate the analytical result before comparing it with the legal limits (that are valid on unprocessed products).

- Primoris Holding is accredited by Belac under the certificate nr 057-TEST

- This certificate is generated under the authority of Primoris Holding, Technologiepark 90, B-9052 Zwijnaarde - Gent, Belgium. Accredited methods (indicated on the report) are reported under the accreditation of Primoris Holding (BELAC 057-TEST/ISO17025).

- A: compound under accreditation

NIC\_01\_A - For the determination of the amount of nicotine on dried wild mushrooms (cep, morel, truffle, chanterelle) no dehydration correction factor should be applied.

**Methods performed in**

PRIMORIS Belgium

ZM\_01\_A

PRIMORIS Belgium

GGA\_01\_A, GMSZ\_01\_A, HYDRZ\_01\_A, LMSZ\_01\_A, MYC, NIC\_01\_A, QU1, QU2, ZMCD\_01\_A, ZMNI\_01\_A, ZMPB\_01\_A

**Report history**

0	Original Report	Original Report
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