

• ROTTERDAM

• LIMA

Analytical Report

Trouw BV

Attn: Attn. Quality Department
Piekstraat 63-65
3071 EL Rotterdam
Netherlands

Reportnr. : **1633633 version 1**
Sample Arrival Date : 07-May-2021 17:25
ReportDate Version : **23-Jun-2022 15:46**
Packing : Plastic, ambient

Sampling Date * : 07-May-2021
Samplesize (kg) : 0,679

Sample information *

Disponent Number : T21-0000469
Sealed / Seal Code : No /

Product specification : Organic amaranth seed
Reference : KAG/CN240/21/108/OAS

* Information supplied by customer (TLR takes no responsibility for this information).

Composition Determination

Metal and other elements

Parameter	Result (as received)	
Cd (Cadmium)	0,020	mg/kg
Pb (Lead)	< 0,05	mg/kg
As (Arsenic)	< 0,040	mg/kg
Hg (Mercury)	< 0,005	mg/kg

Q R2
Q R2
Q R2
Q R2

Microbiological Determination

Common

Parameter	Result (as received)	
Yeasts, osmotolerant	1400	cfu/g
Moulds,	5500	cfu/g
Aerobic plate count	27000	cfu/g
Salmonella	Not detected / 25g	

Q R2
Q R2
Q R2
Q R2

Contaminations

Mycotoxins

Parameter	Result (as received)	
Aflatoxin B1..	< 1,0	µg/kg
Aflatoxin B2	< 1,0	µg/kg
Aflatoxin G1	< 1,0	µg/kg
Aflatoxin G2	< 1,0	µg/kg
Aflatoxin Total	< 1,5	µg/kg
Deoxynivalenol (DON) / Vomitoxin	< 100	µg/kg
Ochratoxin A (OTA)	< 1,0	µg/kg
Zearalenone (ZEA)	< 5,0	µg/kg

Q R1
Q R1
Q R1
Q R1
R1
Q R2
Q R2
Q R2

Pesticides

Parameter	Result (as received)	
Pesticides GC-MS-MS	Performed according annex, nothing detected	
Pesticides LC-MS-MS	Performed according annex, nothing detected	

Q R2
Q R2

Pesticides (Glufosinate)

Parameter	Result (as received)	
Glufosinate	< 0,010	mg/kg

Q R2

Pesticides (Glyphosate)

Parameter	Result (as received)	
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Requested 07-May-2021 by Trouw BV

Analyses according to annex

Drs. ing. H. Janssens Director TLR International Laboratories

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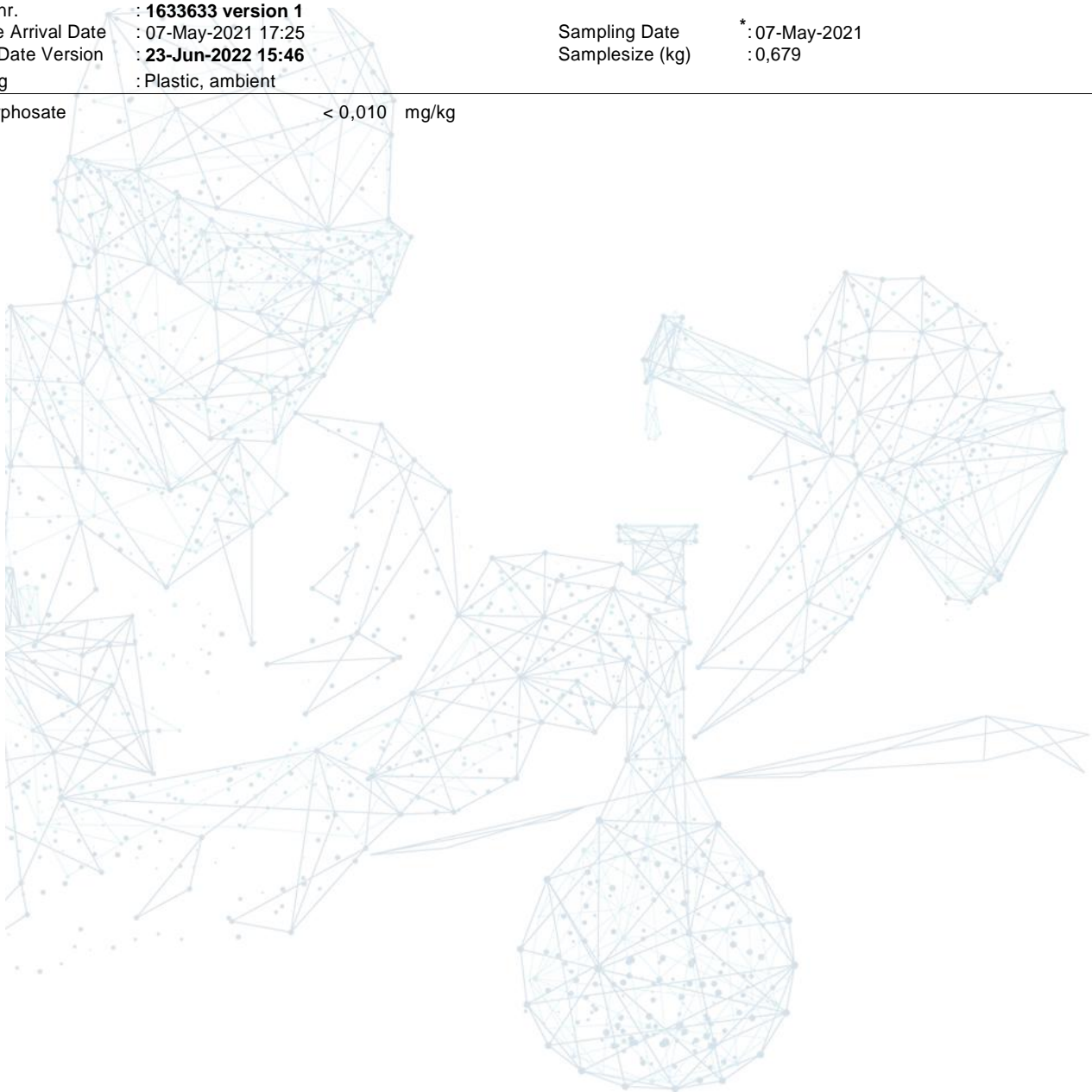
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Glyphosate < 0,010 mg/kg

Q R2



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Analysed Contamination / Pesticides below detection limits

Pesticides GCMSMS

Aldrin	< 0,010 mg/kg Q	4-chloro-3-methylphenol	< 0,010 mg/kg Q	Aclonifen	< 0,010 mg/kg Q	Acrinathrin	< 0,010 mg/kg Q
Azinphos-ethyl	< 0,010 mg/kg Q	Aldrin and Dieldrin (sum)	< 0,010 mg/kg Q	Anthraquinone	< 0,010 mg/kg Q	Atrazine	< 0,010 mg/kg Q
Bifenox	< 0,010 mg/kg Q	Barban.	< 0,010 mg/kg Q	Benazolin-ethyl-ester	< 0,010 mg/kg Q	Benfluralin	< 0,010 mg/kg Q
Bitertanol	< 0,010 mg/kg Q	Bifenthrin	< 0,010 mg/kg Q	Binapacryl.	< 0,010 mg/kg Q	Biphenyl.	< 0,010 mg/kg Q
Brompropylate	< 0,010 mg/kg Q	Bromocyclen	< 0,010 mg/kg Q	Bromophos-ethyl	< 0,010 mg/kg Q	Bromophos-methyl	< 0,010 mg/kg Q
Carbophenothion	< 0,010 mg/kg Q	Butafenacil	< 0,010 mg/kg Q	Captafol.	< 0,010 mg/kg Q	Captan (sum)	< 0,010 mg/kg Q
Chlordane (sum)	< 0,01 mg/kg Q	Chloroneb	< 0,010 mg/kg Q	Chlorbendide	< 0,010 mg/kg Q	Chlorbufam	< 0,010 mg/kg Q
Chlorfenapyr	< 0,010 mg/kg Q	Chloromethionat	< 0,010 mg/kg Q	Chlordane-cis.	< 0,010 mg/kg Q	Chlordeconhydrate.	< 0,010 mg/kg Q
Chlorobenzilate	< 0,010 mg/kg Q	Chlorofenson	< 0,010 mg/kg Q	Chlordane-trans	< 0,010 mg/kg Q	Chlormephos	< 0,010 mg/kg Q
Chlorpyrifos-methyl	< 0,010 mg/kg Q	Chloroneb	< 0,010 mg/kg Q	Chlorofenvinphos	< 0,010 mg/kg Q	Chlorpropham	< 0,010 mg/kg Q
Cyanophos	< 0,010 mg/kg Q	Chlorpyrifos	< 0,010 mg/kg Q	Chlorothalonil.	< 0,010 mg/kg Q	Chlozolinate	< 0,010 mg/kg Q
Cyfluthrin III	< 0,010 mg/kg Q	Cyfluthrin (sum isomers)	< 0,010 mg/kg Q	Chlorthal-dimethyl (DCPA)	< 0,010 mg/kg Q	Cyfluthrin I	< 0,010 mg/kg Q
DDT (MRL sum)	< 0,010 mg/kg Q	Cyfluthrin I	< 0,010 mg/kg Q	Cyfluthrin II	< 0,010 mg/kg Q	Cyfluthrin II	< 0,010 mg/kg Q
Dichlofop methyl	< 0,010 mg/kg Q	Cyhalofop butyl.	< 0,010 mg/kg Q	Cypermethrin (sum)	< 0,010 mg/kg Q	Cypermethrin (sum)	< 0,010 mg/kg Q
Dicofol	< 0,010 mg/kg Q	Deltamethrin	< 0,010 mg/kg Q	Diallate	< 0,010 mg/kg Q	Dichlobenil	< 0,010 mg/kg Q
Dioxathion	< 0,010 mg/kg Q	Dichlorobenzophenone,2,4-	< 0,010 mg/kg Q	Dichlorvos	< 0,010 mg/kg Q	Dicloran.	< 0,010 mg/kg Q
Endosulfan-a.	< 0,010 mg/kg Q	Dieldrin	< 0,010 mg/kg Q	Dinobuton	< 0,010 mg/kg Q	Dioxabenzofos	< 0,010 mg/kg Q
EPN	< 0,010 mg/kg Q	Diphenylamine	< 0,010 mg/kg Q	Disulfoton	< 0,010 mg/kg Q	Endosulfan (sum)	< 0,010 mg/kg Q
Etrifos	< 0,010 mg/kg Q	Endosulfan-β	< 0,010 mg/kg Q	Endosulfansulphate	< 0,010 mg/kg Q	Endrin	< 0,010 mg/kg Q
Fenpropathrin	< 0,010 mg/kg Q	EPTC	< 0,010 mg/kg Q	Etofenprox	< 0,010 mg/kg Q	Etridiazole.	< 0,010 mg/kg Q
Fluchloralin	< 0,010 mg/kg Q	Famoxadone	< 0,010 mg/kg Q	Fenchlorfos (Ronnel)	< 0,010 mg/kg Q	Fenitrothion	< 0,010 mg/kg Q
Folpet.	< 0,010 mg/kg Q	Fenson	< 0,010 mg/kg Q	Fenthion oxon sulfone.	< 0,010 mg/kg Q	Fenvalerate (sum)	< 0,010 mg/kg Q
HCH-y (lindane)	< 0,010 mg/kg Q	Flucythrinate.	< 0,010 mg/kg Q	Fluvalinate	< 0,010 mg/kg Q	Folpet (sum)	< 0,010 mg/kg Q
Heptachloroepoxide-trans	< 0,010 mg/kg Q	HCH-a	< 0,010 mg/kg Q	HCH-d	< 0,010 mg/kg Q	HCH-β	< 0,010 mg/kg Q
Isodrin	< 0,010 mg/kg Q	Heptachlor	< 0,010 mg/kg Q	Heptachlor (sum incl isomers)	< 0,01 mg/kg Q	Heptachloroepoxide-cis	< 0,010 mg/kg Q
Naled	< 0,010 mg/kg Q	Hexachlorobenzene (HCB)	< 0,010 mg/kg Q	Iodofenfos	< 0,010 mg/kg Q	Iprodione	< 0,010 mg/kg Q
o,o-DDE	< 0,010 mg/kg Q	Leptophos	< 0,010 mg/kg Q	Methacrifos	< 0,010 mg/kg Q	Methoxychlor.	< 0,010 mg/kg Q
Oxadiazon	< 0,010 mg/kg Q	Nitrofen	< 0,010 mg/kg Q	Nitrothal-isopropyl (Nitrothal)	< 0,010 mg/kg Q	Nonachlor (cis + trans)	< 0,010 mg/kg Q
p,p-DDE	< 0,010 mg/kg Q	o,p-DDD	< 0,010 mg/kg Q	o,p-DDE	< 0,010 mg/kg Q	o,p-DDT	< 0,010 mg/kg Q
Pentachlorobenzene	< 0,010 mg/kg Q	Oxychlorodane	< 0,010 mg/kg Q	Oxyfluorfen	< 0,010 mg/kg Q	p,p-DDD	< 0,010 mg/kg Q
Permethrin (sum isomers)	< 0,010 mg/kg Q	p,p-DDT.	< 0,010 mg/kg Q	Parathion-ethyl	< 0,010 mg/kg Q	Parathion-methyl	< 0,010 mg/kg Q
Phenothrin (peak 1)	< 0,010 mg/kg Q	Pentachloroaniline	< 0,010 mg/kg Q	Pentachloroanisole	< 0,010 mg/kg Q	Perchlordecone (mirex)	< 0,010 mg/kg Q
Phenylphenol,2-	< 0,010 mg/kg Q	Permethrin I	< 0,010 mg/kg Q	Permethrin II	< 0,010 mg/kg Q	Perthane (Ethylan)	< 0,010 mg/kg Q
Procymidone	< 0,010 mg/kg Q	Permethrin II	< 0,010 mg/kg Q	Phenothrin (sum)	< 0,010 mg/kg Q	Phenthoate	< 0,010 mg/kg Q
Prothiofos	< 0,010 mg/kg Q	Phenothrin (peak 2)	< 0,010 mg/kg Q	Phtalimide	< 0,010 mg/kg Q	Piperonylbutoxide	< 0,010 mg/kg Q
Silafluofen	< 0,010 mg/kg Q	Phorate	< 0,010 mg/kg Q	Propam	< 0,010 mg/kg Q	Propyzamide	< 0,010 mg/kg Q
Terbufos	< 0,010 mg/kg Q	Profenophos	< 0,010 mg/kg Q	Quintozone (sum)	< 0,010 mg/kg Q	Resmethrin.	< 0,010 mg/kg Q
Toxaphen (sum)	< 0,010 mg/kg Q	Pyrethrins (sum)	< 0,010 mg/kg Q	Tecnazene	< 0,010 mg/kg Q	Tefluthrin	< 0,010 mg/kg Q
Trifluralin	< 0,010 mg/kg Q	Tebupirifos	< 0,010 mg/kg Q	Tetrahydrophthalimide (THPI)	< 0,010 mg/kg Q	Thiometon	< 0,010 mg/kg Q
		Tetradifon	< 0,010 mg/kg Q	Toxaphen P50.	< 0,010 mg/kg Q	Toxaphen P62.	< 0,010 mg/kg Q
		Toxaphen P26.	< 0,010 mg/kg Q	Vinchlozolin	< 0,010 mg/kg Q		
		Vinchlozolin	< 0,010 mg/kg Q				

Pesticides LCMSMS

Fluxapyroxad	< 0,010 mg/kg Q	Malathion (sum)	< 0,010 mg/kg Q	Phorate (sum)	< 0,01 mg/kg Q
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Pesticides LCMSMS (neg. ionisation)

2,4-D.	< 0,010 mg/kg Q	Bentazone (sum)	< 0,01 mg/kg Q	Bentazone.	< 0,010 mg/kg Q
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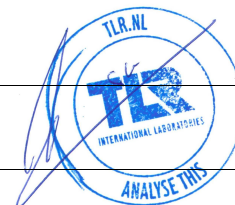
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Bentazone-6-hydroxy.	< 0,010 mg/kg	Bentazone-8-hydroxy.	< 0,010 mg/kg	Bromoxynil.	< 0,010 mg/kg	Carbetamide	< 0,010 mg/kg	Q
Chlorbromuron	< 0,010 mg/kg	Chlorfluazuron	< 0,010 mg/kg	Chloroxuron	< 0,010 mg/kg	Clethodim	< 0,010 mg/kg	Q
Clethodim (sum)	< 0,010 mg/kg	Cyantraniliprole	< 0,01 mg/kg	Cyclanilide.	< 0,010 mg/kg	Cythioate	< 0,010 mg/kg	Q
Dichlorophen.	< 0,010 mg/kg	Dichlorprop.	< 0,010 mg/kg	Diffubenzuron	< 0,010 mg/kg	Diffufenican	< 0,010 mg/kg	Q
Dinoseb	< 0,010 mg/kg	Dinoterb.	< 0,010 mg/kg	Diuron	< 0,010 mg/kg	DMSA (N,N-dimethyl-N'-fenyls)	< 0,010 mg/kg	Q
DNOC	< 0,010 mg/kg	Fenoxaprop-P-ethyl	< 0,010 mg/kg	Fenpiclonil	< 0,010 mg/kg	Fipronil	< 0,005 mg/kg	Q
Fipronil (sum)	< 0,005 mg/kg	Fipronil sulfon	< 0,005 mg/kg	Fluazinam	< 0,010 mg/kg	Flubendiamide	< 0,010 mg/kg	Q
Flucycloxuron (E+Z)	< 0,010 mg/kg	Fludioxonil	< 0,010 mg/kg	Flufenoxuron	< 0,010 mg/kg	Fluometuron	< 0,005 mg/kg	Q
Flutolanil	< 0,010 mg/kg	Halofenozide	< 0,010 mg/kg	Hexaconazole	< 0,010 mg/kg	Hexaflumuron	< 0,010 mg/kg	Q
Imazamethabenz-methyl	< 0,010 mg/kg	Isocarbofos	< 0,010 mg/kg	Isoxaflutole	< 0,010 mg/kg	Lufenuron	< 0,010 mg/kg	Q
MCPA & MCPB (sum)	< 0,010 mg/kg	MCPA.	< 0,010 mg/kg	MCPB	< 0,010 mg/kg	Mecoprop.	< 0,010 mg/kg	Q
Mepronil	< 0,010 mg/kg	Metaflumizone	< 0,010 mg/kg	Methoprene.	< 0,010 mg/kg	Monuron	< 0,010 mg/kg	Q
Neburon	< 0,010 mg/kg	Norflurazon	< 0,010 mg/kg	Noviflumuron	< 0,010 mg/kg	Phosmet	< 0,010 mg/kg	Q
Picolinafen	< 0,010 mg/kg	Propanil	< 0,010 mg/kg	Prothioconazole (sum)	< 0,010 mg/kg	Prothioconazole.	< 0,010 mg/kg	Q
Silthiofam	< 0,010 mg/kg	Spirotetramat	< 0,010 mg/kg	Sulfosulfuron	< 0,010 mg/kg	Teflubenzuron	< 0,010 mg/kg	Q
Terbacil	< 0,010 mg/kg	Terbuthylazine	< 0,010 mg/kg	Triasulfuron	< 0,010 mg/kg	Triflumuron	< 0,010 mg/kg	Q
Triflurosulfuron-methyl	< 0,010 mg/kg	Warfarin	< 0,010 mg/kg					

Pesticides LCMSMS (pos. ionisation)

Acetochlor	< 0,010 mg/kg	Abamectin (sum)	< 0,010 mg/kg	Q	Acephate	< 0,010 mg/kg	Q	Acetamiprid	< 0,010 mg/kg	Q
Aldicarb (sum)	< 0,01 mg/kg	Acibenzolar-S-methyl	< 0,010 mg/kg	Q	Alachlor	< 0,010 mg/kg	Q	Aldicarb	< 0,010 mg/kg	Q
Ametoctradin.	< 0,010 mg/kg	Aldicarb sulphone	< 0,010 mg/kg	Q	Aldicarb-sulfoxide	< 0,010 mg/kg	Q	Allethrin	< 0,010 mg/kg	Q
Aminopyralid	< 0,010 mg/kg	Ametryn	< 0,010 mg/kg	Q	Aminobenzimidazole,2-	< 0,010 mg/kg	Q	Aminocarb	< 0,010 mg/kg	Q
Azimsulfuron.	< 0,010 mg/kg	Azaconazole	< 0,010 mg/kg	Q	Azadirachtin	< 0,010 mg/kg	Q	Azamethiphos	< 0,010 mg/kg	Q
Benalaxyl	< 0,010 mg/kg	Azinphos-methyl	< 0,010 mg/kg	Q	Aziprotryne	< 0,010 mg/kg	Q	Azoxystrobin	< 0,010 mg/kg	Q
Benthiavalicarb-isopropyl	< 0,010 mg/kg	Bendiocarb	< 0,010 mg/kg	Q	Benfuracarb.	< 0,005 mg/kg	Q	Benodanil	< 0,010 mg/kg	Q
Boscalid	< 0,010 mg/kg	Benzoximate	< 0,010 mg/kg	Q	Benzoyl-prop-ethyl	< 0,010 mg/kg	Q	Bifenazate.	< 0,010 mg/kg	Q
Bupirimate	< 0,010 mg/kg	Bromacil	< 0,010 mg/kg	Q	Bromuconazole	< 0,010 mg/kg	Q	Bufencarb	< 0,010 mg/kg	Q
Butralin	< 0,010 mg/kg	Buprofezin	< 0,010 mg/kg	Q	Butocarboxim sulfoxide	< 0,010 mg/kg	Q	Butoxycarboxim	< 0,010 mg/kg	Q
Carbaryl	< 0,010 mg/kg	Buturon	< 0,010 mg/kg	Q	Butylate	< 0,010 mg/kg	Q	Cadusafos	< 0,010 mg/kg	Q
Carbofuran (sum)	< 0,002 mg/kg	Carbendazim	< 0,010 mg/kg	Q	Carbendazim (sum)	< 0,010 mg/kg	Q	Carbofuran	< 0,002 mg/kg	Q
Carfentrazone-ethyl	< 0,010 mg/kg	Carbofuran-3-hydroxy	< 0,002 mg/kg	Q	Carbofuran-3-keto	< 0,002 mg/kg	Q	Carboxin	< 0,010 mg/kg	Q
Chloridazon.	< 0,010 mg/kg	Carpropamide	< 0,010 mg/kg	Q	Chlorantraniliprole	< 0,010 mg/kg	Q	Chloridazon (sum)	< 0,010 mg/kg	Q
Chlorthiophos	< 0,010 mg/kg	Chloroaniline,3-	< 0,010 mg/kg	Q	Chlorotoluron	< 0,010 mg/kg	Q	Chlorthiamid.	< 0,010 mg/kg	Q
Clomazone	< 0,010 mg/kg	Climbazol	< 0,010 mg/kg	Q	Clodinafop-propargyl	< 0,010 mg/kg	Q	Clofentezine	< 0,010 mg/kg	Q
Coumaphos	< 0,010 mg/kg	Clopyralid.	< 0,010 mg/kg	Q	Cloquintocet - mexyl	< 0,010 mg/kg	Q	Clothianidin	< 0,010 mg/kg	Q
Cyanofenphos	< 0,010 mg/kg	Crimidine	< 0,010 mg/kg	Q	Cruformate	< 0,010 mg/kg	Q	Cyanazine	< 0,010 mg/kg	Q
Cyflufenamid	< 0,010 mg/kg	Cyazofamid	< 0,010 mg/kg	Q	Cycloate	< 0,010 mg/kg	Q	Cycloxydim	< 0,010 mg/kg	Q
Cyproconazole	< 0,010 mg/kg	Cyflumetofen	< 0,010 mg/kg	Q	Cymiazole.	< 0,010 mg/kg	Q	Cymoxanil	< 0,010 mg/kg	Q
Daminozide.	< 0,010 mg/kg	Cyprodinil	< 0,010 mg/kg	Q	Cyprofuram	< 0,010 mg/kg	Q	Cyromazine.	< 0,010 mg/kg	Q
Demeton-S-methyl-sulfon	< 0,010 mg/kg	Dazomet.	< 0,010 mg/kg	Q	Demeton O & S.	< 0,010 mg/kg	Q	Demeton-S-methyl	< 0,010 mg/kg	Q
Dialifos	< 0,010 mg/kg	Desmedipham	< 0,010 mg/kg	Q	Desmetryn	< 0,010 mg/kg	Q	Diafenthiuron.	< 0,010 mg/kg	Q
Diclotophos	< 0,010 mg/kg	Diazinon	< 0,010 mg/kg	Q	Dichlofluanid.	< 0,010 mg/kg	Q	Diclobutrazol	< 0,010 mg/kg	Q
Difenoconazole	< 0,010 mg/kg	Diethatyl-ethyl	< 0,010 mg/kg	Q	Diethofencarb	< 0,010 mg/kg	Q	Diethyltoluamid (DEET)	< 0,010 mg/kg	Q
Dimethachlor	< 0,010 mg/kg	Difenoconazole	< 0,010 mg/kg	Q	Dimefox	< 0,010 mg/kg	Q	Dimefuron	< 0,010 mg/kg	Q
Dimethoate and omethoate (s	< 0,010 mg/kg	Difloxuron	< 0,010 mg/kg	Q	Dimethirimol	< 0,010 mg/kg	Q	Dimethoate	< 0,010 mg/kg	Q
Dinotefuran	< 0,010 mg/kg	Dimethenamid-P	< 0,010 mg/kg	Q	Dimoxystrobin	< 0,010 mg/kg	Q	Diniconazole	< 0,010 mg/kg	Q
Disulfoton (sum)	< 0,010 mg/kg	Dimethomorph	< 0,010 mg/kg	Q	Diphenamid	< 0,010 mg/kg	Q	Dipropetryn	< 0,010 mg/kg	Q
		Dioxacarb	< 0,010 mg/kg	Q	Ditalimfos	< 0,010 mg/kg	Q	DMST (Dimethylsulfotoluidide)	< 0,010 mg/kg	Q
		Disulfoton-sulfone	< 0,010 mg/kg	Q						

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Dodemorph (sum).	< 0,010 mg/kg	Dodemorph-cis	< 0,010 mg/kg	Q Dodemorph-trans	< 0,010 mg/kg	Q Dodine	< 0,010 mg/kg
Edifenphos	< 0,010 mg/kg	Q Emamectin	< 0,010 mg/kg	Q Epxiconazole	< 0,010 mg/kg	Q Etaconazole	< 0,010 mg/kg
Ethiofencarb	< 0,010 mg/kg	Q Ethiofencarb sulfone	< 0,010 mg/kg	Q Ethion	< 0,010 mg/kg	Q Ethiprole	< 0,010 mg/kg
Ethirimol	< 0,010 mg/kg	Q Ethofumesate	< 0,010 mg/kg	Q Ethoprofos	< 0,010 mg/kg	Q Ethoprop	< 0,010 mg/kg
Ethoxyquin.	< 0,010 mg/kg	Q Ethoxysulfuron	< 0,010 mg/kg	Q Fenamidone	< 0,010 mg/kg	Q Fenamiphos	< 0,010 mg/kg
Fenamiphos (sum)	< 0,010 mg/kg	Q Fenamiphos sulphone	< 0,010 mg/kg	Q Fenamiphos sulphoxide	< 0,010 mg/kg	Q Fenarimol	< 0,010 mg/kg
Fenazaquin	< 0,010 mg/kg	Q Fenbuconazole	< 0,010 mg/kg	Q Fenfuram	< 0,010 mg/kg	Q Fenhexamid	< 0,010 mg/kg
Fenobucarb	< 0,010 mg/kg	Q Fenothiocarb	< 0,010 mg/kg	Q Fenoxycarb	< 0,010 mg/kg	Q Fenpropidin	< 0,010 mg/kg
Fenpropimorph	< 0,010 mg/kg	Q Fenpyroximat	< 0,010 mg/kg	Q Fensulfotion (sum)	< 0,010 mg/kg	Q Fenthion	< 0,010 mg/kg
Fenthion (sum)	< 0,010 mg/kg	Q Fenthion-sulfoxide	< 0,010 mg/kg	Q Fenuron	< 0,010 mg/kg	Q Flamprop-isopropyl.	< 0,010 mg/kg
Flamprop-methyl	< 0,010 mg/kg	Q Flazasulfuron	< 0,010 mg/kg	Q Flonicamid (sum incl. metaboli	< 0,010 mg/kg	Q Florasulam.	< 0,010 mg/kg
Fluazifop (free acid).	< 0,010 mg/kg	Q Fluazifop-butyl	< 0,010 mg/kg	Q Fluazifop-P (sum).	< 0,010 mg/kg	Q Flufenacet	< 0,010 mg/kg
Fluopicolide.	< 0,010 mg/kg	Q Fluopyram	< 0,010 mg/kg	Q Fluoxastrobin	< 0,010 mg/kg	Q Fluquinconazole	< 0,010 mg/kg
Flurochloridone	< 0,010 mg/kg	Q Fluroxyppy-meptyl	< 0,010 mg/kg	Q Flusilazole	< 0,010 mg/kg	Q Flutriafol	< 0,010 mg/kg
Fonofos	< 0,010 mg/kg	Q Foramsulfuron	< 0,010 mg/kg	Q Forchlorfenuron	< 0,010 mg/kg	Q Formetanate	< 0,010 mg/kg
Fosthiazate	< 0,010 mg/kg	Q Fuberidazole	< 0,010 mg/kg	Q Furalaxyl	< 0,010 mg/kg	Q Furathiocarb	< 0,005 mg/kg
Furmecyclox.	< 0,010 mg/kg	Q Haloxyfop.	< 0,010 mg/kg	Q Haloxyfop-2-ethoxyethyl	< 0,010 mg/kg	Q Haloxyfop-methyl	< 0,010 mg/kg
Heptenophos	< 0,010 mg/kg	Q Hexazinone	< 0,010 mg/kg	Q Hexythiazox	< 0,010 mg/kg	Q Hymexazole.	< 0,010 mg/kg
Imazalil	< 0,010 mg/kg	Q Imazamox	< 0,01 mg/kg	Q Imazapic.	< 0,010 mg/kg	Q Imazapyr.	< 0,010 mg/kg
Imidacloprid.	< 0,010 mg/kg	Q Indoxacarb	< 0,010 mg/kg	Q Iodosulfuron methyl	< 0,010 mg/kg	Q Iprobenphos.	< 0,010 mg/kg
Iprovalicarb	< 0,010 mg/kg	Q Isazofos	< 0,010 mg/kg	Q Isofenphos-ethyl.	< 0,010 mg/kg	Q Isofenphos-methyl	< 0,010 mg/kg
Isofenphos-oxon	< 0,010 mg/kg	Q Isoprocarb	< 0,010 mg/kg	Q Isoprothiolane	< 0,010 mg/kg	Q Isoproturon	< 0,010 mg/kg
Isopyrazam.	< 0,010 mg/kg	Q Isouron	< 0,010 mg/kg	Q Isoxathion	< 0,010 mg/kg	Q Kresoxim-methyl	< 0,010 mg/kg
Lenacil	< 0,010 mg/kg	Q Linuron	< 0,010 mg/kg	Q Malaixon	< 0,010 mg/kg	Q Malathion.	< 0,010 mg/kg
Mandipropamid	< 0,010 mg/kg	Q Mecarbam	< 0,010 mg/kg	Q Mefenacet	< 0,010 mg/kg	Q Mepanipyrim.	< 0,010 mg/kg
Mephosfolan	< 0,010 mg/kg	Q Mesosulfuron-methyl	< 0,010 mg/kg	Q Mesotrione.	< 0,010 mg/kg	Q Metalaxyl	< 0,010 mg/kg
Metamitron	< 0,010 mg/kg	Q Metazachloor	< 0,010 mg/kg	Q Metconazole	< 0,010 mg/kg	Q Methabenzthiazuron	< 0,010 mg/kg
Methamidophos	< 0,010 mg/kg	Q Methidathion	< 0,010 mg/kg	Q Methiocarb	< 0,010 mg/kg	Q Methiocarb (sum)	< 0,01 mg/kg
Methiocarb sulfone	< 0,010 mg/kg	Q Methiocarb sulfoxide	< 0,010 mg/kg	Q Methomyl	< 0,010 mg/kg	Q Methoprotryne	< 0,010 mg/kg
Methoxyfenozide	< 0,010 mg/kg	Q Metobromuron	< 0,010 mg/kg	Q Metolachlor	< 0,010 mg/kg	Q Metolachlor	< 0,010 mg/kg
Metolcarb	< 0,010 mg/kg	Q Metominostrobin	< 0,010 mg/kg	Q Metoxuron	< 0,010 mg/kg	Q Metrafenone.	< 0,010 mg/kg
Metribuzin	< 0,010 mg/kg	Q Metsulfuron methyl	< 0,010 mg/kg	Q Mevinphos	< 0,010 mg/kg	Q Mexacarbate	< 0,010 mg/kg
Monalide	< 0,010 mg/kg	Q Monocrotophos	< 0,010 mg/kg	Q Monolinuron	< 0,010 mg/kg	Q Myclobutanil	< 0,010 mg/kg
Naphthylacetamide, 1- (1-NAD	< 0,010 mg/kg	Q Napropamide (sum of isomer	< 0,010 mg/kg	Q Nicosulfuron.	< 0,010 mg/kg	Q Nitenpyram	< 0,010 mg/kg
Novaluron	< 0,010 mg/kg	Q Nuarimol	< 0,010 mg/kg	Q Ofurace	< 0,010 mg/kg	Q Omethoate	< 0,010 mg/kg
Orbencarb	< 0,010 mg/kg	Q Oxadixyl	< 0,010 mg/kg	Q Oxamyl	< 0,010 mg/kg	Q Oxasulfuron	< 0,010 mg/kg
Oxycarboxin	< 0,010 mg/kg	Q Oxydemeton-methyl	< 0,010 mg/kg	Q Pacllobutrazol	< 0,010 mg/kg	Q Paraoxon-Ethyl	< 0,010 mg/kg
Paraoxon-methyl	< 0,010 mg/kg	Q Parathion-methyl (sum)	< 0,01 mg/kg	Q Penconazole	< 0,010 mg/kg	Q Pencycuron	< 0,010 mg/kg
Pendimethalin.	< 0,010 mg/kg	Q Pentanochlor	< 0,010 mg/kg	Q Penthiopyrad	< 0,01 mg/kg	Q Phenmedipham	< 0,010 mg/kg
Phorate sulfone	< 0,010 mg/kg	Q Phorate sulfoxide	< 0,010 mg/kg	Q Phosalone	< 0,010 mg/kg	Q Phosphamidon	< 0,010 mg/kg
Phoxim	< 0,010 mg/kg	Q Picoxystrobin	< 0,010 mg/kg	Q Pirimicarb	< 0,010 mg/kg	Q Pirimidifen	< 0,010 mg/kg
Pirimiphos-ethyl	< 0,010 mg/kg	Q Pirimiphos-methyl	< 0,010 mg/kg	Q Prochloraz	< 0,010 mg/kg	Q Promecarb	< 0,010 mg/kg
Prometryn	< 0,010 mg/kg	Q Propachlor	< 0,010 mg/kg	Q Propamocarb	< 0,010 mg/kg	Q Propaphos	< 0,010 mg/kg
Propaquizafop.	< 0,010 mg/kg	Q Propargite	< 0,010 mg/kg	Q Propazine	< 0,010 mg/kg	Q Propetamphos	< 0,010 mg/kg
Propiconazole	< 0,010 mg/kg	Q Propoxur	< 0,010 mg/kg	Q Propoxycarbazone sodium.	< 0,010 mg/kg	Q Proquinazid	< 0,010 mg/kg
Prosulfocarb.	< 0,010 mg/kg	Q Prosulfuron	< 0,010 mg/kg	Q Prothoate	< 0,010 mg/kg	Q Pymetozine.	< 0,010 mg/kg
Pyracarbolid	< 0,010 mg/kg	Q Pyraclofos	< 0,010 mg/kg	Q Pyraclostrobin.	< 0,010 mg/kg	Q Pyraflufen-ethyl	< 0,010 mg/kg
Pyrazophos	< 0,010 mg/kg	Q Pyridaben	< 0,010 mg/kg	Q Pyridafol (Ref: CL.9673)	< 0,010 mg/kg	Q Pyridaphenthion	< 0,010 mg/kg
Pyridate (sum)	< 0,01 mg/kg	Q Pyridate.	< 0,010 mg/kg	Q Pyrifenoxy	< 0,010 mg/kg	Q Pyrimethanil	< 0,010 mg/kg

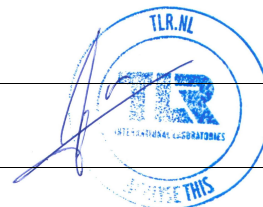
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Analytical Report

Reportnr.	: 1633633 version 1		
Sample Arrival Date	: 07-May-2021 17:25	Sampling Date	*: 07-May-2021
ReportDate Version	: 23-Jun-2022 15:46	Samplesize (kg)	: 0,679
Packing	: Plastic, ambient		
Pyriproxyfen	< 0,010 mg/kg Q	Pyroquilon	< 0,010 mg/kg Q
Quinmerac.	< 0,010 mg/kg Q	Quinoclamine	< 0,010 mg/kg Q
Rimsulfuron	< 0,010 mg/kg Q	Rotenone	< 0,010 mg/kg Q
Simazine	< 0,010 mg/kg Q	Spinetoram	< 0,010 mg/kg Q
Spirodiclofen	< 0,010 mg/kg Q	Spiromesifen	< 0,010 mg/kg Q
Spirotetramat-enol-glucoside.	< 0,010 mg/kg Q	Spirotetramat-mono-hydroxy	< 0,010 mg/kg Q
Sulfotep	< 0,010 mg/kg Q	Sulfoxafloer	< 0,010 mg/kg Q
Tebufenozide.	< 0,010 mg/kg Q	Tebufenpyrad	< 0,010 mg/kg Q
TEPP,O,S-	< 0,010 mg/kg Q	Terbumeton	< 0,010 mg/kg Q
Tetraconazole.	< 0,010 mg/kg Q	TFNA.	< 0,010 mg/kg Q
Thiabendazole	< 0,010 mg/kg Q	Thiacloprid	< 0,010 mg/kg Q
Thifensulfuron methyl	< 0,010 mg/kg Q	Thiobencarb.	< 0,010 mg/kg Q
Thiofanox.	< 0,010 mg/kg Q	Thiofanox-sulfone	< 0,010 mg/kg Q
Tolclofos-methyl	< 0,010 mg/kg Q	Tolfenpyrad	< 0,010 mg/kg Q
Triadimefon	< 0,010 mg/kg Q	Triadimenol	< 0,010 mg/kg Q
Triazophos	< 0,010 mg/kg Q	Trichlorfon	< 0,010 mg/kg Q
Trifloxystrobin	< 0,010 mg/kg Q	Triflumizole	< 0,010 mg/kg Q
Trinexapac	< 0,010 mg/kg Q	Triticonazole	< 0,010 mg/kg Q
XMC (3,5-Xylyl MethylCarbam	< 0,010 mg/kg Q	Zoxamide	< 0,010 mg/kg Q
		Quinalphos	< 0,010 mg/kg Q
		Quinoxifen	< 0,010 mg/kg Q
		Saffluenacil	< 0,010 mg/kg Q
		Spinosyn A	< 0,010 mg/kg Q
		Spirotetramat (MRL sum)	< 0,010 mg/kg Q
		Spiroxamine	< 0,010 mg/kg Q
		Sulprofos	< 0,010 mg/kg Q
		Tebuthiuron	< 0,010 mg/kg Q
		Terbutryn	< 0,010 mg/kg Q
		TFNA-AM	< 0,010 mg/kg Q
		Thiamethoxam	< 0,010 mg/kg Q
		Thiocyclam hydrogen oxal	< 0,010 mg/kg Q
		Thiofanox-sulfoxide	< 0,010 mg/kg Q
		Tolyfluanid (sum)	< 0,01 mg/kg Q
		Tolyfluanid	< 0,010 mg/kg Q
		Triallate	< 0,010 mg/kg Q
		Tricyclazole	< 0,010 mg/kg Q
		Triforine	< 0,010 mg/kg Q
		Vamidothion	< 0,010 mg/kg Q
		Quinclorac.	< 0,010 mg/kg Q
		Quizalofop-ethyl	< 0,010 mg/kg Q
		Sedaxane	< 0,010 mg/kg Q
		Spinosyn D	< 0,010 mg/kg Q
		Spirotetramat-cis-enol	< 0,010 mg/kg Q
		Sulcotrione.	< 0,010 mg/kg Q
		Tebuconazol	< 0,010 mg/kg Q
		TEPP,O,O-	< 0,010 mg/kg Q
		Tetrachlorvinphos.	< 0,010 mg/kg Q
		TFNG.	< 0,010 mg/kg Q
		Thidiazuron	< 0,010 mg/kg Q
		Thiodicarb	< 0,010 mg/kg Q
		Thiophanate-methyl.	< 0,010 mg/kg Q
		Tolyfluanid.	< 0,010 mg/kg Q
		Triapenthenol	< 0,010 mg/kg Q
		Trietazine	< 0,010 mg/kg Q
		Trimethacarb,3,4,5-	< 0,010 mg/kg Q
		Vernolat	< 0,010 mg/kg Q

Q - Analyses ISO 17025 accredited by BvA (ILAC)
R1 - Carried out by TLR International Laboratories, location Ridderkerk
R2 - Carried out by TLR International Laboratories, location Rotterdam

Requested 07-May-2021 by Trouw BV
Analyses according to annex
Drs. ing. H. Janssens Director TLR International Laboratories



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Analytical Report

Reportnr. : 1633633 version 1	Sampling Date * : 07-May-2021
Sample Arrival Date : 07-May-2021 17:25	Samplesize (kg) : 0,679
ReportDate Version : 23-Jun-2022 15:46	
Packing : Plastic, ambient	

ANNEX

Method Descriptions

Composition Determination

Metal and other elements

Method Description

Determination of arsenic (As), Cadmium (Cd), Lead (Pb); ICP-MS;
***Foodstuffs:destruction Acc. NEN-EN 13805,Analysis Acc NEN-EN-15763
Determination of Mercury (Hg); Hg-analyser
Animalfeed/feedingstuff : eq. NEN-EN16277 Food : eq. NEN-EN15763

Method Code

Own method***

Microbiological Determination

Common

Method Description

Detection of Salmonella (RT-PCR); [Microval 2011-LR40]
Enumeration of micro-organisms (Aerobic plate count) at 30°C; [AFNOR 01/1-09/89]
Enumeration of osmotolerant yeasts and moulds; colony-count technique DG18

Method Code

Eq EN-ISO- 6579-1
Eq.NEN-EN-ISO 4833-1
Acc. NEN-ISO 21527-2

Contaminations

Mycotoxins

Method Description

Determination of mycotoxins; HPLC MS/MS

Method Code

Own method

Pesticides

Method Description

Flexscope:Determination of the pesticide content ; GC-MS-MS method
Flexscope:Determination of the pesticide content; LC-MS-MS method

Method Code

Own method
Own method

Pesticides (Glufosinate)

Method Description

Determination of Glyphosate in plant material with LCMSMS (FMOC-method)

Method Code

own method

Pesticides (Glyphosate)

Method Description

Determination of Glyphosate in plant material with LCMSMS (FMOC-method)

Method Code

Own method

Abbreviations:

acc: in accordance with
eq: Equivalent to

Requested 07-May-2021 by Trouw BV
Analyses according to annex
Drs. ing. H. Janssens Director TLR International Laboratories



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