

ROTTERDAM

Analytica! Report

Trouw BV

Attn: Mevr H. Haan
Piekstraat 63-65
3071 EL Rotterdam
Netherlands

Reportnr. : **1515482 version 1**
Sample Arrival Date : 23-Dec-2021 17:10
ReportDate Version : **29-Dec-2021 15:37**
Packing : Plastic

Sampling Date : 21-Dec-2021
Samplesize (kg) : 22,187

LT21-004171

Sample information

Disponent Number : T21-0001106
Sealed / Seal Code : No/

Product specification : Buckwheat Hulled
Reference : V16-375

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

Composition Determination

Metal and ether elements

Parameter	Result (as received)	
Cd (Cadmium)	0,045	mg/kg Q R2
Pb (Lead)	< 0,05	mg/kg Q R2
As (Arsenic)	< 0,040	mg/kg Q R2
Hg (Mercury)	< 0,005	mg/kg Q R2

Microbiological Determination

Common

Parameter	Result (as received)	
E. coli / (Escherichia coli)	< 10	cfu/g Q R1
Salmonella	Not detected / 25g	Q R1

Contaminations

Common

Parameter	Result (as received)	
Melamine.	< 0,50	mg/kg R2
Cyanuric acid.	< 1,00	mg/kg R2

QA C

Approved

Mycotoxins

Parameter	Result (as received)	
Aflatoxin B1..	< 1,0	µg/kg Q R2
Aflatoxin B2	< 1,0	µg/kg Q R2
Aflatoxin G1	< 1,0	µg/kg Q R2
Aflatoxin G2	< 1,0	µg/kg Q R2
Aflatoxin Total	< 1,5	µg/kg R2
Deoxynivalenol (DON)/ Vomitoxin	< 100	µg/kg Q R2
Fumonisin B1	< 5,0	µg/kg Q R2
Fumonisin B2	< 5,0	µg/kg Q R2
HT-2 Toxin	< 20,0	µg/kg Q R2
Nivalenol (NIV)	< 500	µg/kg R2
Ochratoxin A (OTA)	< 1,0	µg/kg Q R2
T-2 Toxin	< 20,0	µg/kg Q R2
Zearalenone (ZEA)	< 5,0	µg/kg Q R2

Pesticides

Parameter	Result (as received)
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Analyses according to annex

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Pesticides GC-MS-MS : Performed according annex, nothing detected

Q R2

Pesticides LC-MS-MS : Performed according annex, nothing detected

Q R2

Pesticides (Glufosinate)

Parameter	Result (as received)
Glufosinate	<0,010 mg/kg
N-acetyl-glufosinaat (NAG)	< 0,010 mg/kg
3-methylphosphinicopropionic acid	<0,010 mg/kg
Glufosinate-ammonium (sum)	< 0,010 mg/kg

Q R2

Q R2

R2

R2

Pesticides (Glyphosate)

Parameter	Result (as received)
Glyphosate	0,017 mg/kg
AMPA	<0,010 mg/kg

Q R2

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	Benazol,n-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	Btmapacryl.	< 0,010 mg/kg Q	81phenyl.	< 0,010 mg/kg Q
Bromopropylate	< 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
Captan (sum)	< 0,010 mg/kg Q	Butachlor	< 0,010 mg/kg Q	Butafenacil	< 0,010 mg/kg Q	Captafol	< 0,010 mg/kg Q
Chlorbufam	< 0,010 mg/kg Q	Carbophenothion	< 0,010 mg/kg Q	Chinomethionat	< 0,010 mg/kg Q	Chlorbendise	< 0,010 mg/kg Q
Chlordeconhydrate	< 0,010 mg/kg Q	Chlordane (sum)	< 0,010 mg/kg Q	Chlordane-cis	< 0,010 mg/kg Q	Chlordane-trans	< 0,010 mg/kg Q
Chlormephos	< 0,010 mg/kg Q	Chlorfenapyr	< 0,010 mg/kg Q	Chlorfenson	< 0,010 mg/kg Q	Chlorfenvinphos	< 0,010 mg/kg Q
Chlorpropham	< 0,010 mg/kg Q	Chlorobenzilate	< 0,010 mg/kg Q	Chloroneb	< 0,010 mg/kg Q	Chlorothalonil.	< 0,010 mg/kg Q
Chlozolinate	< 0,010 mg/kg Q	Chlorpyrifos-methyl	< 0,010 mg/kg Q	Chlorpyrifos	< 0,010 mg/kg Q	Chlorthal-dimethyl (DCPA)	< 0,010 mg/kg Q
Cyfluthrin II	< 0,010 mg/kg Q	Cyanophos	< 0,010 mg/kg Q	Cyfluthrin (sum isomers)	< 0,010 mg/kg Q	Cyfluthrin 1	< 0,010 mg/kg Q
Cypermethrin (sum)	< 0,010 mg/kg Q	Cyfluthrin 111	< 0,010 mg/kg Q	Cyhalofop butyl	< 0,010 mg/kg Q	Cyhalothrin (Lambda)	< 0,010 mg/kg Q
Dichlobenil	< 0,010 mg/kg Q	DDT (MRL sum)	< 0,010 mg/kg Q	Deltamethrin	< 0,010 mg/kg Q	Diallate	< 0,010 mg/kg Q
Dichlorobenzophenone,2,4-	< 0,010 mg/kg Q	Dichlofop methyl	< 0,010 mg/kg Q	Dichloraniline, 3,5-	< 0,010 mg/kg Q	Dichloroaniline.3 4-	< 0,010 mg/kg Q
Dieldrin	< 0,010 mg/kg Q	Dichlorvos	< 0,010 mg/kg Q	Oicloran	< 0,010 mg/kg Q	Dicofol	< 0,010 mg/kg Q
D1phenylamine	< 0,010 mg/kg Q	Dinobuton	< 0,010 mg/kg Q	Dioxabenzofos	< 0,010 mg/kg Q	Oioxathion	< 0,010 mg/kg Q
Endosulfan-r..	< 0,010 mg/kg Q	Disulfoton	< 0,010 mg/kg Q	Endosulfan (sum)	< 0,010 mg/kg Q	Endosulfan-a	< 0,010 mg/kg Q
EPTC	< 0,010 mg/kg Q	Endosulfansulphate	< 0,010 mg/kg Q	Endrin	< 0,010 mg/kg Q	EPN	< 0,010 mg/kg Q
Famoxadone	< 0,010 mg/kg Q	Etofenprox	< 0,010 mg/kg Q	Etndiazole.	< 0,010 mg/kg Q	Etmfos	< 0,010 mg/kg Q
Fenson	< 0,010 mg/kg Q	Fenchlorfos (Ronnel)	< 0,010 mg/kg Q	Fen1trothion	< 0,010 mg/kg Q	Fenpropathrin	< 0,010 mg/kg Q
Flucythrinate.	< 0,010 mg/kg Q	Fenthion oxon sulfone	< 0,010 mg/kg Q	Fenvalerate (sum)	< 0,010 mg/kg Q	Fluchloralin	< 0,010 mg/kg Q
HCH-a	< 0,010 mg/kg Q	Fluvalinate	< 0,010 mg/kg Q	Folpet (sum)	< 0,010 mg/kg Q	Folpet	< 0,010 mg/kg Q
Heptachlor	< 0,010 mg/kg Q	HCH-d	< 0,010 mg/kg Q	HCH-r..	< 0,010 mg/kg Q	HCH-y (lindane)	< 0,010 mg/kg Q
Hexachlorobenzene (HCB)	< 0,010 mg/kg Q	Heptachlor (sum incl isomers)	< 0,010 mg/kg Q	Heptachloroepoxide-cis	< 0,010 mg/kg Q	Heptachloroepoxide-trans	< 0,010 mg/kg Q
Leptophos	< 0,010 mg/kg Q	Iodofenfos	< 0,010 mg/kg Q	Iprodione	< 0,010 mg/kg Q	Isodrin	< 0,010 mg/kg Q
Nitrofen	< 0,010 mg/kg Q	Methacrifos	< 0,010 mg/kg Q	Methoxychlor.	< 0,010 mg/kg Q	Naled	< 0,010 mg/kg Q
o.p-DDD	< 0,010 mg/kg Q	Nitrothal-,sopropyl (N,trothal)	< 0,010 mg/kg Q	Nonachlor (cis + trans)	< 0,010 mg/kg Q	o.o-DDE	< 0,010 mg/kg Q
Oxychlorodane	< 0,010 mg/kg Q	o.p-DDE	< 0,010 mg/kg Q	o.p-DDT	< 0,010 mg/kg Q	Oxadiazon	< 0,010 mg/kg Q
p.p-DDT.	< 0,010 mg/kg Q	Oxyfluorfen	< 0,010 mg/kg Q	p.p-DDD	< 0,010 mg/kg Q	p.p-DDE	< 0,010 mg/kg Q
Pentachloroaniline	< 0,010 mg/kg Q	Parathion-ethyl	< 0,010 mg/kg Q	Parathion-methyl	< 0,010 mg/kg Q	Pentachlorobenzene	< 0,010 mg/kg Q
Permethrin 1	< 0,010 mg/kg Q	Pentachloroanisole	< 0,010 mg/kg Q	Perchlordecone (mirex)	< 0,010 mg/kg Q	Permethrin (sum isomers)	< 0,010 mg/kg Q
Phenothrin (peak 2)	< 0,010 mg/kg Q	Permethrin II	< 0,010 mg/kg Q	Perthane (Ethylan)	< 0,010 mg/kg Q	Phenothrin (peak 1)	< 0,010 mg/kg Q
Phorale	< 0,010 mg/kg Q	Phenothrin (sum)	< 0,010 mg/kg Q	Phenthoate	< 0,010 mg/kg Q	Phenylphenol,2-	< 0,010 mg/kg Q
Profenophos	< 0,010 mg/kg Q	Phtalimide	< 0,010 mg/kg Q	P,peronylbutoxide	< 0,010 mg/kg Q	Procymidone	< 0,010 mg/kg Q
Pyrethrins (sum)	< 0,010 mg/kg Q	Propham	< 0,010 mg/kg Q	Propyzamide	< 0,010 mg/kg Q	Prothiofos	< 0,010 mg/kg Q
Tebuptriphos	< 0,010 mg/kg Q	Quintozene (sum)	< 0,010 mg/kg Q	Resmethrin	< 0,010 mg/kg Q	Silafluofen	< 0,010 mg/kg Q
Tetradifon	< 0,010 mg/kg Q	Tecnazene	< 0,010 mg/kg Q	Tefluthrin	< 0,010 mg/kg Q	Terbufos	< 0,010 mg/kg Q
Toxaphen (sum)	< 0,010 mg/kg Q	Tetrahydrophthalimide (THPI)	< 0,010 mg/kg Q	Tetramethrin	< 0,010 mg/kg Q	Thiometon	< 0,010 mg/kg Q
Trifluralin	< 0,010 mg/kg Q	Toxaphen P26	< 0,010 mg/kg Q	Toxaphen P50	< 0,010 mg/kg Q	Toxaphen P62.	< 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)	< 0,010 mg/kg Q
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Pesticides LCMSMS (neg. ionisation)

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Bentazone-6-hydroxy	< 0.010mg/kg	2,4-D Bentazone-6-hydroxy.	< 0.010mg/kg	Bentazone (sum)	< 0.01 mg/kg	Bentazone.	< 0.010 mg/kg
Chlorbromuron	< 0.010mg/kg Q	Chlorfluazuron	< 0.010mg/kg Q	Bromoxynil	< 0.010mg/kg Q	Carbetamide	< 0.010mg/kg Q
Clethodim (sum)	< 0.010mg/kg	Cyantraniliprole	< 0.01 mg/kg Q	Chloroxuron	< 0.010mg/kg Q	Clethodim	< 0.010mg/kg Q
Oicamba	< 0.050mg/kg	Dichlorophen	< 0.010 mg/kg	Cyclanilide.	< 0.010 mg/kg	Cythioate	< 0.010mg/kg Q
Oiflufenican	< 0.010 mg/kg Q	Oinoseb	< 0.010 mg/kg Q	D, chlorprop.	< 0.010 mg/kg	Diflubenazuron	< 0.010mg/kg Q
DMSA (N,N.<Jimethyl-N'-fenyls	< 0.010 mg/kg Q	DNOC	< 0.010mg/kg Q	D1noterb.	< 0.010mg/kg Q	Diuron	< 0.010 mg/kg Q
Fipronil	< 0.005 mg/kg Q	Fipronil (sum)	< 0.005 mg/kg Q	Fenoxaprop-P-ethyl	< 0.010mg/kg Q	Fenpiclonil	< 0.010 mg/kg Q
Flubendiamide	< Q010mg/kg Q	Flucycloxuron (E+Z)	< 0.010mg/kg Q	Fipronil sulfon	< 0.005 mg/kg Q	Fluazinam	< 0.010mg/kg Q
Fluometuron	< Q005 mg/kg	Flutolanil	< 0.010mg/kg Q	Fludioxonil	< 0.010mg/kg Q	Flufenoxuron	< Q010mg/kg Q
Hexaflumuron	< Q010mg/kg Q	Imazamethabenz-methyl	< 0.010mg/kg Q	Halofenozide	< Q010mg/kg Q	Hexaconazole	< 0.010mg/kg Q
Isoxaflutole	< 0.010mg/kg Q	Lufenuron	< 0.010mg/kg Q	Imazethapyr	< 0.010mg/kg Q	Isocarboxiphos	< 0.010mg/kg Q
MCPB	< 0.010mg/kg Q	Mecoprop	< 0.010 mg/kg Q	MCPA & MCPB (sum)	< Q010 mg/kg	MCPA.	< 0.010mg/kg
Methoprene.	< 0.010mg/kg Q	Monuron	< 0.010 mg/kg Q	Mepronil	< 0.010mg/kg Q	Metaflumizone	< 0.010mg/kg Q
Noviflumuron	< Q010mg/kg Q	Phosmet	< 0.010 mg/kg Q	Neburon	< 0.010mg/kg Q	Norflurazon	< 0.010mg/kg Q
Prothioconazole (sum)	< 0.010mg/kg	Prothioconazole	< 0.010mg/kg	Picolinafen	< 0.010mg/kg Q	Propanil	< 0.010 mg/kg Q
Sulfosulfuron	< 0.010 mg/kg Q	Teflubenzuron	< 0.010mg/kg Q	Silthiofam	< 0.010mg/kg	Spirotetramat	< 0.010mg/kg Q
Triasulfuron	< 0.010mg/kg Q	Trifluthuron	< 0.010mg/kg Q	Terbacil	< 0.010mg/kg Q	Terbutylazine	< 0.010 mg/kg Q
				Trifluthuron-methyl	< 0.010 mg/kg Q	Warfarin	< 0.010mg/kg Q

Pesticides LCMSMS (pos. ionisation)

Abamectin (sum)	< 0.010 mg/kg Q	Acephate	< 0.010mg/kg Q	Acetamidiprid.	< 0.010mg/kg Q
Acetochlor	< 0.010 mg/kg Q	Acibenzolar-S-methyl	< 0.010 mg/kg Q	Aldicarb	< 0.010 mg/kg Q
Aldicarb (sum)	< 0.01 mg/kg	Aldicarb sulphone	< Q010 mg/kg Q	Aldicarb-sulfoxide	< Q010mg/kg Q
Ametoctradin.	< 0.010mg/kg	Ametryn	< Q010 mg/kg Q	Aminobenzimidazole,2-	< 0.010mg/kg Q
Aminopyralid	< 0.010mg/kg Q	Azaconazole	< 0.010 mg/kg Q	Azadirachtin	< 0.010 mg/kg Q
Azimsulfuron.	< 0.010mg/kg	Azinphos-methyl	< 0.010 mg/kg Q	Azinphos	< 0.010 mg/kg Q
Benalaxyl	< 0.010mg/kg Q	Bendiocarb	< 0.010mg/kg Q	Azoxytobin	< 0.010mg/kg Q
Benthravalcab-isopropyl	< 0.010mg/kg Q	Benzoximate	< 0.010mg/kg Q	Benodanil	< 0.010mg/kg Q
Bixafen	< 0.010mg/kg Q	Boscahd	< 0.010mg/kg Q	Bifenazate.	< 0.010 mg/kg
Bufencarb	< 0.010mg/kg Q	Bupmate	< 0.010 mg/kg Q	Bromuconazole	< 0.010mg/kg Q
Butoxycarboxim	< 0.010mg/kg Q	Bulralin	< 0.010 mg/kg Q	Bulocarbaxim sulfoxide	< 0.010mg/kg Q
Cadusafos	< 0.010 mg/kg Q	Carbaryl	< 0.010 mg/kg Q	Butylate	< Q010mg/kg Q
Carbofuran	< 0.002 mg/kg Q	Carbofuran (sum)	< 0.002 mg/kg	Carbendazim (sum)	< Q010mg/kg
Carboxin	< 0.010 mg/kg Q	Carfentrazone-cathyl	< 0.010 mg/kg Q	Carbofuran-3-keto	< 0.002 mg/kg Q
Chloridazon (sum)	< 0.010mg/kg	Chloridazon	< 0.010mg/kg Q	Chlorantraniliprole	< 0.010mg/kg Q
Chlorthiamid.	< Q.010mg/kg	Chlorthiophos	< 0.010mg/kg Q	Chlorotoluron	< 0.010mg/kg Q
Clofentezine	< 0.010mg/kg Q	Clomazone	< 0.010mg/kg Q	Clod, nafop-propargyl	< 0.010 mg/kg Q
Clothianidin	< 0.010mg/kg Q	Coumaphos	< Q010mg/kg Q	Cloquintocet - mexyl	< Q010mg/kg Q
Cyanazine	< 0.010mg/kg Q	Cyanofenphos	< 0.010 mg/kg Q	Crimidine	< 0.010mg/kg Q
Cyloxydim	< 0.010 mg/kg Q	Cyflufenamid	< 0.010 mg/kg Q	Cyazofamid	< 0.010 mg/kg Q
Cymoxanil	< 0.010 mg/kg Q	Cyproconazole	< 0.010 mg/kg Q	Cyflumetofen	< 0.010 mg/kg Q
Cyromazine.	< 0.010 mg/kg	Daminozide.	< 0.010mg/kg Q	Cyprodinil	< 0.010 mg/kg Q
Demeton-S-methyl	< 0.010 mg/kg Q	Demeton-S-methyl-sulfon	< 0.010mg/kg Q	Dazomet.	< 0.010mg/kg Q
Diafenthiuron.	< 0.010 mg/kg	Diallitos	< 0.010 mg/kg Q	Desmedipham	< 0.010 mg/kg Q
Diclobulazol	< 0.010 mg/kg Q	Diclotophos	< Q010 mg/kg Q	Diazmon	< 0.010mg/kg Q
Diethyltoluamid (DEET)	< 0.010 mg/kg Q	Difenoconazole	< 0.010 mg/kg Q	Diethylal-ethyl	< 0.010 mg/kg Q
Dimefuron	< 0.010mg/kg Q	Dimethachlor	< 0.010 mg/kg Q	Difenoxuron	< 0.010mg/kg Q
Dimethoate	< 0.010 mg/kg Q	Dimethoate and omethoate (s	< 0.010 mg/kg	Dimethenamid-P	< 0.010 mg/kg Q
				Dimethomorph	< 0.010mg/kg Q

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Diniconazole	< 0,010 mg/kg Q	Dinotefuran	< 0,010 mg/kg Q	Dioxacarb	< 0,010 mg/kg Q	Oiphenamid	< 0,010 mg/kg Q
Dipropetryn	< 0,010 mg/kg Q	Disulfoton (sum)	< 0,010 mg/kg Q	Disulfoton-sulfone	< 0,010 mg/kg Q	Ditalimfos	< 0,010 mg/kg Q
DMST (Dimethylsulfotolu1dide)	< 0,010 mg/kg Q	Dodemorph (sum)	< 0,010 mg/kg Q	Oodemorph-CIS	< 0,010 mg/kg Q	Dodemorph-trans	< 0,010 mg/kg Q
Oodine	< 0,010 mg/kg Q	Edifenphos	< 0,010 mg/kg Q	Emamect1n	< 0,010 mg/kg Q	Epo1conazole	< 0,010 mg/kg Q
Etaconazole	< 0,010 mg/kg Q	Ethiofencarb	< 0,010 mg/kg Q	Eth1ofencarb sulfone	< 0,010 mg/kg Q	Ethron	< 0,010 mg/kg Q
Ethiprole	< 0,010 mg/kg Q	Ethirimol	< 0,010 mg/kg Q	Ethofumesate	< 0,010 mg/kg Q	Ethoprosfos	< 0,010 mg/kg Q
Ethoprop	< 0,010 mg/kg Q	Ethoxyquin.	< 0,010 mg/kg Q	Ethoxysulfuron	< 0,010 mg/kg Q	Fenamidone	< 0,010 mg/kg Q
Fenamiphos	< 0,010 mg/kg Q	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 Q	Fenazaqum	< 0,010 mg/kg Q	Fenbuconazole	< 0,010 mg/kg Q	Fenfuram	< 0,010 mg/kg Q
Fenhexamld	< 0,010 mg/kg Q	Fenobucarb	< 0,010 mg/kg Q	Fenoethiocarb	< 0,010 mg/kg Q	Fenoxycarb	< 0,010 mg/kg Q
Fenpropidin	< 0,010 mg/kg Q	Fenpropimorph	< 0,010 mg/kg Q	Fenpyroximat	< 0,010 mg/kg Q	Fensulfothion (sum)	< 0,010 mg/kg Q
Fenth,on	< 0,010 mg/kg Q	Fenthion (sum)	< 0,010 mg/kg Q	Fenth1on-sulfoxide	< 0,010 mg/kg Q	Fenuron	< 0,010 mg/kg Q
Flamprop-isopropyl.	< 0,010 mg/kg Q	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 Q	Fluazifop (free acid).	< 0,010 mg/kg Q	Fluazifop (sum)	< 0,010 mg/kg Q	Fluazifop-p	< 0,010 mg/kg Q
Flufenacet	< 0,010 mg/kg Q	Fluopicolide.	< 0,010 mg/kg Q	Fluopyram	< 0,010 mg/kg Q	Fluoxastrobin	< 0,010 mg/kg Q
Fluquinconazole	< 0,010 mg/kg Q	Flurochloridone	< 0,010 mg/kg Q	Fluroxypyr-neptyl	< 0,010 mg/kg Q	Flusilazole	< 0,010 mg/kg Q
Flutrialol	< 0,010 mg/kg Q	Fonofos	< 0,010 mg/kg Q	Foramsulfuron	< 0,010 mg/kg Q	Forchlorfenuron	< 0,010 mg/kg Q
Formetanale	< 0,010 mg/kg Q	Fosthiazate	< 0,010 mg/kg Q	Fuberidazole	< 0,010 mg/kg Q	Furalaxyl	< 0,010 mg/kg Q
Furathiocarb	< 0,005 mg/kg Q	Furmecyclox.	< 0,010 mg/kg Q	Haloxypop.	< 0,010 mg/kg Q	Haloxypop-2-ethoxyethyl	< 0,010 mg/kg Q
Haloxypop-methyl	< 0,010 mg/kg Q	Heptenophos	< 0,010 mg/kg Q	Hexazmone	< 0,010 mg/kg Q	Hexyth1azox	< 0,010 mg/kg Q
Hymexazole.	< 0,010 mg/kg Q	Imazalil	< 0,010 mg/kg Q	Imazamox	< 0,010 mg/kg Q	Imazapic.	< 0,010 mg/kg Q
Imazapyr.	< 0,010 mg/kg Q	Imazaqu1n	< 0,010 mg/kg Q	Imidacloprid.	< 0,010 mg/kg Q	Indoxacarb	< 0,010 mg/kg Q
Iodosulfuron methyl	< 0,010 mg/kg Q	Iprobenphos.	< 0,010 mg/kg Q	Iprova1icarb	< 0,010 mg/kg Q	Isazofos	< 0,010 mg/kg Q
Isofenphos-ethyl.	< 0,010 mg/kg Q	Isofenphos-methyl	< 0,010 mg/kg Q	Isofenphos--Oxon	< 0,010 mg/kg Q	Isoproc carb	< 0,010 mg/kg Q
Isoprothiolane	< 0,010 mg/kg Q	Isoproturon	< 0,010 mg/kg Q	Isopyrazam.	< 0,010 mg/kg Q	Isouron	< 0,010 mg/kg Q
Isoxathion	< 0,010 mg/kg Q	Kresoxim-methyl	< 0,010 mg/kg Q	Lenacil	< 0,010 mg/kg Q	Unuron	< 0,010 mg/kg Q
Malaaxon	< 0,010 mg/kg Q	Malathion.	< 0,010 mg/kg Q	Mandipropam,d	< 0,010 mg/kg Q	Mecarbam	< 0,010 mg/kg Q
Mefenacet	< 0,010 mg/kg Q	Mepan,pynm.	< 0,010 mg/kg Q	Mephosfolan	< 0,010 mg/kg Q	Mesosulfuron-methyl	< 0,010 mg/kg Q
Mesotrione.	< 0,010 mg/kg Q	Metaxalyl	< 0,010 mg/kg Q	Metamitron	< 0,010 mg/kg Q	Metazachloor	< 0,010 mg/kg Q
Methabenzthiazuron	< 0,010 mg/kg Q	Methamidophos	< 0,010 mg/kg Q	Methidathion	< 0,010 mg/kg Q	Methiocarb	< 0,010 mg/kg Q
Methiocarb (sum)	< 0,01 mg/kg Q	Meth,ocarb sulfone	< 0,010 mg/kg Q	Methiocarb sulfoxide	< 0,010 mg/kg Q	Methornyl	< 0,010 mg/kg Q
Methoprotryne	< 0,010 mg/kg Q	Methoxyfenozide	< 0,010 mg/kg Q	Metobromuron	< 0,010 mg/kg Q	Metolachlor	< 0,010 mg/kg Q
Metolachlor	< 0,010 mg/kg Q	Metolcarb	< 0,010 mg/kg Q	Metominostrobin	< 0,010 mg/kg Q	Metoxuron	< 0,010 mg/kg Q
Metrafenone.	< 0,010 mg/kg Q	Metribuzin	< 0,010 mg/kg Q	Melsulfuron methyl	< 0,010 mg/kg Q	Mevmiphos	< 0,010 mg/kg Q
Mexacarbate	< 0,010 mg/kg Q	Monalide	< 0,010 mg/kg Q	Monocrotophos	< 0,010 mg/kg Q	Monolinuron	< 0,010 mg/kg Q
Myclobutanil	< 0,010 mg/kg Q	Naphthylacetam,de,1-	< 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 Q	Novaluron	< 0,010 mg/kg Q	Nuanmol	< 0,010 mg/kg Q	Oforace	< 0,010 mg/kg Q
Omethoate	< 0,010 mg/kg Q	Orbencarb	< 0,010 mg/kg Q	Oxadixyl	< 0,010 mg/kg Q	Oxamyl	< 0,010 mg/kg Q
Oxasulfuron	< 0,010 mg/kg Q	Oxycarboxin	< 0,010 mg/kg Q	Oxydemeton-methyl	< 0,010 mg/kg Q	Paclobutrazol	< 0,010 mg/kg Q
Paraoxon-Ethyl	< 0,010 mg/kg Q	Paraoxon-methyl	< 0,010 mg/kg Q	Parathion-methyl (sum)	< 0,010 mg/kg Q	Penconazole	< 0,010 mg/kg Q
Pencycuron	< 0,010 mg/kg Q	Pend,methalin	< 0,010 mg/kg Q	Pentachlor	< 0,010 mg/kg Q	Penth,opyrad	< 0,010 mg/kg Q
Phenmedipham	< 0,010 mg/kg Q	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 Q	Phoxim	< 0,010 mg/kg Q	Picoxystrobin	< 0,010 mg/kg Q	Pirimicarb	< 0,010 mg/kg Q
Pirimidifen	< 0,010 mg/kg Q	PirimiphOS--lthyl	< 0,010 mg/kg Q	Pirimiphos-methyl	< 0,010 mg/kg Q	Prochloraz	< 0,010 mg/kg Q
Promecarb	< 0,010 mg/kg Q	Prometryn	< 0,010 mg/kg Q	Propachlor	< 0,010 mg/kg Q	Propamocarb	< 0,010 mg/kg Q
Propaphos	< 0,010 mg/kg Q	Propaquizafof	< 0,010 mg/kg Q	Propargite	< 0,010 mg/kg Q	Propazine	< 0,010 mg/kg Q
Propetamphos	< 0,010 mg/kg Q	Propiconazole	< 0,010 mg/kg Q	Propoxur	< 0,010 mg/kg Q	Propoxycarbazonosodium.	< 0,010 mg/kg Q
Proquinazid	< 0,010 mg/kg Q	Prosulfocarb	< 0,010 mg/kg Q	Prosulfuron	< 0,010 mg/kg Q	Prothoate	< 0,010 mg/kg Q
Pymetrozine.	< 0,010 mg/kg Q	Pyracarbolid	< 0,010 mg/kg Q	Pyraclofos	< 0,010 mg/kg Q	Pyraclostrobin	< 0,010 mg/kg Q

Requested 23-Dec-2021 by Trouw BV
Analyses according to annex
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ROTTERDAM

Analytical Report

Reportnr. : **1515482 version 1**

Sample Arrival Date : 23-Dec-2021 17:10

ReportDate Version : **29-Dec-2021 15:37**

Packing : Plastic

Sampling Date : 21-Dec-2021

Samplesize (kg) : 22,187

Pyraflufen-ethyl	< 0,010 mg/kg Q	Pyrazophos	< 0,010 mg/kg Q	Pyridaben	< 0,010 mg/kg Q	Pyridafol	< 0,010 mg/kg Q
Pyridaphenthion	< 0,010 mg/kg Q	Pyridate (sum)	< 0,01 mg/kg Q	Pyridate	< 0,01 mg/kg Q	PyrifenoX	< 0,010 mg/kg Q
Pyrimethanil	< 0,010 mg/kg Q	Pyriproxyfen	< 0,010 mg/kg Q	Pyroquilon	< 0,010 mg/kg Q	Quinalphos	< 0,010 mg/kg Q
Quinclorac.	< 0,010 mg/kg Q	Quinmerac.	< 0,010 mg/kg Q	Quinoclam1ne	< 0,010 mg/kg Q	Quinoxifen	< 0,010 mg/kg Q
Quizalofop-ethyl	< 0,010 mg/kg Q	Rimsulfuron	< 0,010 mg/kg Q	Rotenone	< 0,010 mg/kg Q	Saflufenac1	< 0,010 mg/kg Q
Sedaxane	< 0,010 mg/kg Q	Simaz1ne	< 0,010 mg/kg Q	Spinetoram	< 0,010 mg/kg Q	Spinosad (sum)	< 0,010 mg/kg Q
Spinosyn A	< 0,010 mg/kg Q	Spinosyn D	< 0,010 mg/kg Q	Spirod, clofen	< 0,010 mg/kg Q	Sp1romesifen	< 0,010 mg/kg Q
Spirotetramat (MRL sum)	< 0,010 mg/kg Q	Spirotetramat-cis-enol	< 0,010 mg/kg Q	Sp1rotetramat-cis-keto-hydrox	< 0,010 mg/kg Q	Spirotetramat-enol-glucoside.	< 0,010 mg/kg Q
Spirotetramat-mono-hydroxy	< 0,010 mg/kg Q	Spiroxamine	< 0,010 mg/kg Q	Sulcotrione.	< 0,010 mg/kg Q	Sulfotep	< 0,010 mg/kg Q
SulfoxafloR	< 0,010 mg/kg Q	Sulprofos	< 0,010 mg/kg Q	Tebuconazol	< 0,010 mg/kg Q	Tebufenozide.	< 0,010 mg/kg Q
Tebufenpyrad	< 0,010 mg/kg Q	Tebuth1uron	< 0,010 mg/kg Q	TEPP, 0,0-	< 0,010 mg/kg Q	TEPP, O,S-	< 0,010 mg/kg Q
Terbumeton	< 0,010 mg/kg Q	Terbulryn	< 0,010 mg/kg Q	Tetrachlorvinphos.	< 0,010 mg/kg Q	Tetraconazole.	< 0,010 mg/kg Q
TFNA	< 0,010 mg/kg Q	TFNA-AM	< 0,010 mg/kg Q	TFNG.	< 0,010 mg/kg Q	Thiabendazole	< 0,010 mg/kg Q
Th,aclopr,d	< 0,010 mg/kg Q	Th1amethoxam	< 0,010 mg/kg Q	Thidiazuron	< 0,010 mg/kg Q	Thifensulfuron methyl	< 0,010 mg/kg Q
Thiobencarb.	< 0,010 mg/kg Q	Thiocyclam hydrogen oxal	< 0,010 mg/kg Q	Th1odicarb	< 0,010 mg/kg Q	Thiofanox	< 0,010 mg/kg Q
Thiofanox-sulfone	< 0,010 mg/kg Q	Thtofanox-sulfoxide	< 0,010 mg/kg Q	Thiophanate-methyl	< 0,010 mg/kg Q	Tolclofos-methyl	< 0,010 mg/kg Q
Tolfenpyrad	< 0,010 mg/kg Q	Tolyfluaniid (sum)	< 0,01 mg/kg Q	Tolyfluaniid.	< 0,01 mg/kg Q	Triadimefon	< 0,010 mg/kg Q
Triadimenol	< 0,010 mg/kg Q	Triallate	< 0,010 mg/kg Q	Tnapenthenol	< 0,010 mg/kg Q	Triazophos	< 0,010 mg/kg Q
Trichlorfon	< 0,010 mg/kg Q	Tncyclazole	< 0,010 mg/kg Q	Trietaz1ne	< 0,010 mg/kg Q	Trifloxystrobin	< 0,010 mg/kg Q
Triflumizole	< 0,010 mg/kg Q	Triforine	< 0,010 mg/kg Q	Trimethacarb, 3,4,5-	< 0,010 mg/kg Q	Trinexapac	< 0,010 mg/kg Q
Triticonazole	< 0,010 mg/kg Q	Vamidothion	< 0,010 mg/kg Q	Vernolat	< 0,010 mg/kg Q	XMC (3,5-Xylyl MethylCarbam	< 0,010 mg/kg Q
Zoxamide	< 0,010 mg/kg Q						

Q - Analyses ISO 17025 accredited by RvA (IIAC)

RI - Carried out by TLR International Laboratories, location Ridderkerk

R2 - Carried out by TLR International Laboratories, location Rotterdam

Requested 23-Dec-2021 by Trouw BV

Analyses according to annex

Drs. ing. H. Janssens Director TLR International Laboratories



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ROTTERDAM

Analytica! Report

Reportnr. : **1515482 version 1**
Sample Arrival Date : 23-Dec-2021 17:10
ReportDate Version : **29-Dec-2021 15:37**
Packing : Plastic

Sampling Date : 21-Dec-2021
Samplesize (kg) : 22,187

ANNEX

Analyses

Escherichia coli (E.coli) (other)
Salmonella standaard (25 g) PCR

Start date

24-12-2021
24-12-2021

Method Descriptions

Composition Determination

Metal and ether elements

Method Description

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

Method Code

Own metho.d..

Microbiological Determination

Common

Method Description

Detection of Salmonella (RT-PCR); [Microval 2011-LR40]
Enumeration of 13-glucuronidase-positive Escherichia coli (E coli) at 42°C; [AFNOR 01/08-06/01]

Method Code

Eq EN-ISO- 6579-1
Eq.-NEN-ISO 16649-2

Contaminations

Common

Method Description

Determination of melamine; extraction method: acetonitrile:water with formic acid;
analysis: LC-MSMS

Method Code

Own method

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

Method Code

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ROTTERDAM

Analytica! Report

Reportnr.	: 1515482 version 1	Sampling Date	: 21-Dec-2021
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Packing	: Plastic		

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

Own method

Pesticides LCMSMS (neg. ionisation)

Method Description

Method Code

Determination of Phenoxy alkane carboxylic acids components are performed with the optimized multimethod

Abbreviations:

acc: in accordance with
eq: Equivalent to

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