

• ROTTERDAM • LIMA •

Analytical Report

Trouw BV

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

Batch LT22-000044

Reportnr. : **1665908 version 1**
Sample Arrival Date : 25-Jul-2022 16:19
ReportDate Version : **06-Oct-2022 16:50**
Packing : Plastic

Sampling Date * : 25-Jul-2022
Samplesize (kg) : 2,053

Sample information *

Disponent Number : T22-0000642
Sealed / Seal Code : No / 10855326

Product specification : Buckwheat Hulled
Reference : V16-439

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

Composition Determination

Metal and other elements

Parameter	Result (as received)
Cd (Cadmium)	0,018 mg/kg
Pb (Lead)	< 0,05 mg/kg
As (Arsenic)	< 0,040 mg/kg
Hg (Mercury)	< 0,005 mg/kg

Q R1
Q R1
Q R1
Q R1

Pesticides

Parameter	Result (as received)
Chlorate	< 0,01 mg/kg

Q R1

Microbiological Determination

Common

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

Q R1
Q R1

Contaminations

Common

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

R1
R1

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
Fumonisin B1	< 5,0 µg/kg
Fumonisin B2	< 5,0 µg/kg
HT-2 Toxin	< 20,0 µg/kg
Ochratoxin A (OTA)	< 1,0 µg/kg
T-2 Toxin	< 20,0 µg/kg

Q R1
Q R1
Q R1
Q R1
R1
Q R1
Q R1
Q R1
Q R1
Q R1
Q R1

QA Checked / Approved

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Analyses according to annex
Drs. ing. H. Janssens Director TLR International Laboratories

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Zearalenone (ZEA)	< 5,0	µg/kg	Q R1	
Pesticides				
Parameter	Result (as received)			
Pesticides GC-MS-MS	Performed according annex, nothing detected			Q R1
Pesticides LC-MS-MS	Performed according annex, nothing detected			Q R1
Pesticides (Glufosinate)				
Parameter	Result (as received)			
Glufosinate	< 0,010	mg/kg	Q R1	
Pesticides (Glyphosate)				
Parameter	Result (as received)			
Glyphosate	< 0,010	mg/kg	Q R1	
AMPA	< 0,010	mg/kg	R1	

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Analysed Contamination / Pesticides below detection limits

Pesticides GCMSMS

Azinphos-ethyl	< 0,010 mg/kg Q	Iprodione	< 0,010 mg/kg Q	Isodrin	< 0,010 mg/kg Q	Leptophos	< 0,010 mg/kg Q
Methacrifos	< 0,010 mg/kg Q	Methoxychlor.	< 0,010 mg/kg Q	Naled	< 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	o,o-DDE	< 0,010 mg/kg Q	Barban.	< 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	Oxadiazon	< 0,010 mg/kg Q
Oxychlorthane	< 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
p,p-DDT.	< 0,010 mg/kg Q	Parathion-ethyl	< 0,010 mg/kg Q	Benazolin-ethyl-ester	< 0,010 mg/kg Q	Parathion-methyl	< 0,010 mg/kg Q
Pentachlorobenzene	< 0,010 mg/kg Q	Pentachloroaniline	< 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	Permethrin I	< 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	Benfluralin	< 0,010 mg/kg Q	Phenothrin (peak 2)	< 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	Phorate	< 0,010 mg/kg Q	Phtalimide	< 0,010 mg/kg Q
Piperonylbutoxide	< 0,010 mg/kg Q	Procymidone	< 0,010 mg/kg Q	Profenophos	< 0,010 mg/kg Q	Propham	< 0,010 mg/kg Q
Bifenox	< 0,010 mg/kg Q	Propyzamide	< 0,010 mg/kg Q	Prothiofos	< 0,010 mg/kg Q	Pyrethrins (sum)	< 0,010 mg/kg Q
Quintozene (sum)	< 0,010 mg/kg Q	Resmethrin.	< 0,010 mg/kg Q	Silafluofen	< 0,010 mg/kg Q	Tebupirimphos	< 0,010 mg/kg Q
Tecnazene	< 0,010 mg/kg Q	Tefluthrin	< 0,010 mg/kg Q	Terbufos	< 0,010 mg/kg Q	Bifenthrin	< 0,010 mg/kg Q
Tetradifon	< 0,010 mg/kg Q	Tetrahydrophthalimide (THPI)	< 0,010 mg/kg Q	Tetramethrin	< 0,010 mg/kg Q	Thiometon	< 0,010 mg/kg Q
Toxaphen (sum)	< 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
Trifluralin	< 0,010 mg/kg Q	Vinchlozolin	< 0,010 mg/kg Q	Binapacryl.	< 0,010 mg/kg Q	Biphenyl.	< 0,010 mg/kg Q
Bromocyclen	< 0,010 mg/kg Q	Bromophos-ethyl	< 0,010 mg/kg Q	1,4-dimethylnaphthalene	< 0,010 mg/kg Q	Bromophos-methyl	< 0,010 mg/kg Q
Bromopropylate	< 0,010 mg/kg Q	Butachlor	< 0,010 mg/kg Q	Butafenacil	< 0,010 mg/kg Q	Captafol.	< 0,010 mg/kg Q
Captan (sum)	< 0,010 mg/kg Q	Carbophenothion	< 0,010 mg/kg Q	Chinomethionat	< 0,010 mg/kg Q	Chlorbenside	< 0,010 mg/kg Q
Chlorbufam	< 0,010 mg/kg Q	4-chloro-3-methylphenol	< 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	Chlordeconhydrate.	< 0,010 mg/kg Q	Chlorfenapyr	< 0,010 mg/kg Q	Chlorfenson	< 0,010 mg/kg Q
Chlorfenvinphos	< 0,010 mg/kg Q	Chlormephos	< 0,010 mg/kg Q	Chlorobenzilate	< 0,010 mg/kg Q	Chloroneb	< 0,010 mg/kg Q
Acionifen	< 0,010 mg/kg Q	Chlorothalonil.	< 0,010 mg/kg Q	Chlorpropham	< 0,010 mg/kg Q	Chlorpyrifos	< 0,010 mg/kg Q
Chlorpyrifos-methyl	< 0,010 mg/kg Q	Chlorthal-dimethyl (DCPA)	< 0,010 mg/kg Q	Chlozolinate	< 0,010 mg/kg Q	Cyanophos	< 0,010 mg/kg Q
Cyfluthrin (sum isomers)	< 0,010 mg/kg Q	Cyfluthrin I	< 0,010 mg/kg Q	Cyfluthrin II	< 0,010 mg/kg Q	Acrinathrin	< 0,010 mg/kg Q
Cyfluthrin III	< 0,010 mg/kg Q	Cyhalofop butyl.	< 0,010 mg/kg Q	Cyhalothrin (Lambda)	< 0,010 mg/kg Q	Cypermethrin (sum)	< 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	Dichlobenil	< 0,010 mg/kg Q
Dichlofop methyl	< 0,010 mg/kg Q	Dichlorobenzophenone, 2,4-	< 0,010 mg/kg Q	Aldrin	< 0,010 mg/kg Q	Dichlorvos	< 0,010 mg/kg Q
Dicloran.	< 0,010 mg/kg Q	Dicofol	< 0,010 mg/kg Q	Dieldrin	< 0,010 mg/kg Q	Dinobuton	< 0,010 mg/kg Q
Dioxabenzofos	< 0,010 mg/kg Q	Dioxathion	< 0,010 mg/kg Q	Diphenylamine	< 0,010 mg/kg Q	Disulfoton	< 0,010 mg/kg Q
Endosulfan (sum)	< 0,010 mg/kg Q	Aldrin and Dieldrin (sum)	< 0,010 mg/kg Q	Endosulfan-a.	< 0,010 mg/kg Q	Endosulfan-β	< 0,010 mg/kg Q
Endosulfansulphate	< 0,010 mg/kg Q	Endrin	< 0,010 mg/kg Q	EPN	< 0,010 mg/kg Q	EPTC	< 0,010 mg/kg Q
Etridiazole.	< 0,010 mg/kg Q	Etrifos	< 0,010 mg/kg Q	Famoxadone	< 0,010 mg/kg Q	Fenchlorfos (Ronnel)	< 0,010 mg/kg Q
Anthraquinone	< 0,010 mg/kg Q	Fenitrothion	< 0,010 mg/kg Q	Fenpropathrin	< 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	Fluchloralin	< 0,010 mg/kg Q	Flucythrinate.	< 0,010 mg/kg Q
Fluvalinate	< 0,010 mg/kg Q	Folpet (sum)	< 0,010 mg/kg Q	Folpet.	< 0,010 mg/kg Q	Atrazine	< 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	HCH-y (lindane)	< 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	Heptachloroepoxide-trans	< 0,010 mg/kg Q
Hexachlorobenzene (HCB)	< 0,010 mg/kg Q	Iodofenfos	< 0,010 mg/kg Q				

Pesticides LCMSMS

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

2,4-D.	< 0,010 mg/kg	Bentazone (sum)	< 0,01 mg/kg	Bentazone.	< 0,010 mg/kg	Bentazone-6-hydroxy.	< 0,010 mg/kg
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Bentazone-8-hydroxy.	< 0,010 mg/kg	Bromoxynil.	< 0,010 mg/kg	Carbetamide	< 0,010 mg/kg Q	Chlorbromuron	< 0,010 mg/kg Q
Chlorfluazuron	< 0,010 mg/kg Q	Chloroxuron	< 0,010 mg/kg Q	Clethodim	< 0,010 mg/kg Q	Clethodim (sum)	< 0,010 mg/kg
Cyantraniliprole	< 0,01 mg/kg Q	Cyclanilide.	< 0,010 mg/kg	Cythioate	< 0,010 mg/kg Q	Dicamba	< 0,050 mg/kg
Dichlorophen.	< 0,010 mg/kg	Dichlorprop.	< 0,010 mg/kg	Diflubenxuron	< 0,010 mg/kg	Diflufenican	< 0,010 mg/kg Q
Dinoseb	< 0,010 mg/kg Q	Dinoterb.	< 0,010 mg/kg	Diuron	< 0,010 mg/kg Q	DMSA (N,N-dimethyl-N'-fenyls)	< 0,010 mg/kg Q
DNOC	< 0,010 mg/kg Q	Fenoxaprop-P-ethyl	< 0,010 mg/kg Q	Fenpiclonil	< 0,010 mg/kg Q	Fipronil	< 0,005 mg/kg Q
Fipronil (sum)	< 0,005 mg/kg Q	Fipronil sulfon	< 0,005 mg/kg Q	Fluazinam	< 0,010 mg/kg Q	Flubendiamide	< 0,010 mg/kg Q
Flucycloxuron (E+Z)	< 0,010 mg/kg Q	Fludioxonil	< 0,010 mg/kg Q	Flufenoxuron	< 0,010 mg/kg Q	Fluometuron	< 0,005 mg/kg
Flutolanil	< 0,010 mg/kg Q	Halofenozide	< 0,010 mg/kg Q	Hexaconazole	< 0,010 mg/kg Q	Hexaflumuron	< 0,010 mg/kg Q
Imazamethabenz-methyl	< 0,010 mg/kg Q	Imazethapyr	< 0,010 mg/kg Q	Isocarbophos	< 0,010 mg/kg Q	Isoxaflutole	< 0,010 mg/kg Q
Lufenuron	< 0,010 mg/kg Q	MCPA & MCPB (sum)	< 0,010 mg/kg	MCPA.	< 0,010 mg/kg	MCPB	< 0,010 mg/kg Q
Mecoprop.	< 0,010 mg/kg	Mepronil	< 0,010 mg/kg Q	Metaflumizone	< 0,010 mg/kg Q	Methoprene.	< 0,010 mg/kg
Monuron	< 0,010 mg/kg Q	Neburon	< 0,010 mg/kg Q	Norflurazon	< 0,010 mg/kg Q	Noviflumuron	< 0,010 mg/kg Q
Phosmet	< 0,010 mg/kg Q	Picolinafen	< 0,010 mg/kg Q	Propanil	< 0,010 mg/kg Q	Prothioconazole (sum)	< 0,010 mg/kg
Prothioconazole.	< 0,010 mg/kg	Silthiofam	< 0,010 mg/kg Q	Spirotetramat	< 0,010 mg/kg Q	Sulfosulfuron	< 0,010 mg/kg Q
Teflubenzuron	< 0,010 mg/kg Q	Terbacil	< 0,010 mg/kg Q	Terbuthylazine	< 0,010 mg/kg Q	Triasulfuron	< 0,010 mg/kg Q
Triflumuron	< 0,010 mg/kg Q	Triflusalufuron-methyl	< 0,010 mg/kg Q	Warfarin	< 0,010 mg/kg Q		
Pesticides LCMSMS (pos. ionisation)							
Abamectin (sum)	< 0,010 mg/kg Q	Acephate	< 0,010 mg/kg Q	Acetamidrid.	< 0,010 mg/kg	Acetochlor	< 0,010 mg/kg Q
Acibenzolar-S-methyl	< 0,010 mg/kg Q	Alachlor	< 0,010 mg/kg Q	Aldicarb	< 0,010 mg/kg Q	Aldicarb (sum)	< 0,01 mg/kg
Aldicarb sulphone	< 0,010 mg/kg Q	Aldicarb-sulfoxide	< 0,010 mg/kg Q	Allethrin	< 0,010 mg/kg Q	Ametoctradin.	< 0,010 mg/kg
Ametryn	< 0,010 mg/kg Q	Aminobenzimidazole,2-	< 0,010 mg/kg	Aminocarb	< 0,010 mg/kg Q	Aminopyralid	< 0,010 mg/kg Q
Azaconazole	< 0,010 mg/kg Q	Azadirachtin	< 0,010 mg/kg Q	Azamethiphos	< 0,010 mg/kg Q	Azimsulfuron.	< 0,010 mg/kg
Azinphos-methyl	< 0,010 mg/kg Q	Aziprotryne	< 0,010 mg/kg Q	Azoxystrobin	< 0,010 mg/kg Q	Benalaxyl	< 0,010 mg/kg Q
Bendiocarb	< 0,010 mg/kg Q	Benfuracarb.	< 0,005 mg/kg	Benodanil	< 0,010 mg/kg Q	Benthiavalicarb-isopropyl	< 0,010 mg/kg Q
Benzoximate	< 0,010 mg/kg Q	Benzoyl-prop-ethyl	< 0,010 mg/kg Q	Bifenazate.	< 0,010 mg/kg	Bixafen	< 0,010 mg/kg Q
Boscalid	< 0,010 mg/kg Q	Bromacil	< 0,010 mg/kg Q	Bromuconazole	< 0,010 mg/kg Q	Bufencarb	< 0,010 mg/kg Q
Bupirimate	< 0,010 mg/kg Q	Buprofezin	< 0,010 mg/kg Q	Butocarboxim sulfoxide	< 0,010 mg/kg Q	Butoxycarboxim	< 0,010 mg/kg Q
Butralin	< 0,010 mg/kg Q	Buturon	< 0,010 mg/kg Q	Butylate	< 0,010 mg/kg Q	Cadusafos	< 0,010 mg/kg Q
Carbaryl	< 0,010 mg/kg Q	Carbendazim	< 0,010 mg/kg Q	Carbendazim (sum)	< 0,010 mg/kg	Carbofuran	< 0,002 mg/kg Q
Carbofuran (sum)	< 0,002 mg/kg	Carbofuran-3-hydroxy	< 0,002 mg/kg Q	Carbofuran-3-keto	< 0,002 mg/kg Q	Carboxin	< 0,010 mg/kg Q
Carfentrazone-ethyl	< 0,010 mg/kg Q	Carpropamide	< 0,010 mg/kg Q	Chlorantraniliprole	< 0,010 mg/kg Q	Chloridazon (sum)	< 0,010 mg/kg
Chloridazon.	< 0,010 mg/kg	Chloroaniline,3-	< 0,010 mg/kg Q	Chlorotoluron	< 0,010 mg/kg Q	Chlorthiamid.	< 0,010 mg/kg
Chlorthiophos	< 0,010 mg/kg Q	Climbazol	< 0,010 mg/kg Q	Clodinafop-propargyl	< 0,010 mg/kg Q	Clofentezine	< 0,010 mg/kg Q
Clomazone	< 0,010 mg/kg Q	Clopyralid.	< 0,010 mg/kg	Cloquintocet - mexyl	< 0,010 mg/kg Q	Clothianidin	< 0,010 mg/kg Q
Coumaphos	< 0,010 mg/kg Q	Crimidine	< 0,010 mg/kg Q	Cruformate	< 0,010 mg/kg Q	Cyanazine	< 0,010 mg/kg Q
Cyanofenphos	< 0,010 mg/kg Q	Cyazofamid	< 0,010 mg/kg Q	Cycloate	< 0,010 mg/kg Q	Cycloxydim	< 0,010 mg/kg Q
Cyflufenamid	< 0,010 mg/kg Q	Cyflumetofen	< 0,010 mg/kg Q	Cymiazole.	< 0,010 mg/kg	Cymoxanil	< 0,010 mg/kg Q
Cyproconazole	< 0,010 mg/kg Q	Cyprodinil	< 0,010 mg/kg Q	Cyprofuram	< 0,010 mg/kg Q	Cyromazine.	< 0,010 mg/kg
Daminozide.	< 0,010 mg/kg	Dazomet.	< 0,010 mg/kg	Demeton O & S.	< 0,010 mg/kg	Demeton-S-methyl	< 0,010 mg/kg Q
Demeton-S-methyl-sulfon	< 0,010 mg/kg Q	Desmedipham	< 0,010 mg/kg Q	Desmetryn	< 0,010 mg/kg Q	Diafenthion.	< 0,010 mg/kg
Dialifos	< 0,010 mg/kg Q	Diazinon	< 0,010 mg/kg Q	Dichlofluanid.	< 0,010 mg/kg	Diclobutrazol	< 0,010 mg/kg Q
Dicrotophos	< 0,010 mg/kg Q	Diethatyl-ethyl	< 0,010 mg/kg Q	Diethofencarb	< 0,010 mg/kg Q	Diethyltoluamid (DEET)	< 0,010 mg/kg Q
Difenoconazole	< 0,010 mg/kg Q	Difenofoxuron	< 0,010 mg/kg Q	Dimefox	< 0,010 mg/kg Q	Dimefuron	< 0,010 mg/kg Q
Dimethachlor	< 0,010 mg/kg Q	Dimethenamid-P	< 0,010 mg/kg Q	Dimethirimol	< 0,010 mg/kg Q	Dimethoate	< 0,010 mg/kg Q
Dimethoate and omethoate (s	< 0,010 mg/kg	Dimethomorph	< 0,010 mg/kg Q	Dimoxystrobin	< 0,010 mg/kg Q	Diniconazole	< 0,010 mg/kg Q
Dinotefuran	< 0,010 mg/kg Q	Dioxacarb	< 0,010 mg/kg Q	Diphenamid	< 0,010 mg/kg Q	Dipropetryn	< 0,010 mg/kg Q
Disulfoton (sum)	< 0,010 mg/kg	Disulfoton-sulfone	< 0,010 mg/kg Q	Ditalimfos	< 0,010 mg/kg Q	DMST (Dimethylsulftoluidide)	< 0,010 mg/kg Q

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Dodemorph (sum).	< 0,010 mg/kg	Dodemorph-cis	< 0,010 mg/kg	Dodemorph-trans	< 0,010 mg/kg	< 0,010 mg/kg
Edifenphos	< 0,010 mg/kg	Emamectin	< 0,010 mg/kg	Epoxiconazole	< 0,010 mg/kg	< 0,010 mg/kg
Ethiofencarb	< 0,010 mg/kg	Ethiofencarb sulfone	< 0,010 mg/kg	Ethion	< 0,010 mg/kg	< 0,010 mg/kg
Ethirimol	< 0,010 mg/kg	Ethofumesate	< 0,010 mg/kg	Ethoprofos	< 0,010 mg/kg	< 0,010 mg/kg
Ethoxyquin.	< 0,010 mg/kg	Ethoxysulfuron	< 0,010 mg/kg	Etofenprox	< 0,010 mg/kg	< 0,010 mg/kg
Fenamiphos	< 0,010 mg/kg	Fenamiphos (sum)	< 0,010 mg/kg	Fenamiphos sulphone	< 0,010 mg/kg	< 0,010 mg/kg
Fenarimol	< 0,010 mg/kg	Fenazaquin	< 0,010 mg/kg	Fenbuconazole	< 0,010 mg/kg	< 0,010 mg/kg
Fenhexamid	< 0,010 mg/kg	Fenobucarb	< 0,010 mg/kg	Fenothiocarb	< 0,010 mg/kg	< 0,010 mg/kg
Fenpropidin	< 0,010 mg/kg	Fenpropimorph	< 0,010 mg/kg	Fenpyroximat	< 0,010 mg/kg	< 0,010 mg/kg
Fenthion	< 0,010 mg/kg	Fenthion (sum)	< 0,010 mg/kg	Fenthion-sulfoxide	< 0,010 mg/kg	< 0,010 mg/kg
Flamprop-isopropyl.	< 0,010 mg/kg	Flamprop-methyl	< 0,010 mg/kg	Flazasulfuron	< 0,010 mg/kg	< 0,010 mg/kg
Florasulam.	< 0,010 mg/kg	Fluazifop (free acid).	< 0,010 mg/kg	Fluazifop-butyl	< 0,010 mg/kg	< 0,010 mg/kg
Flufenacet	< 0,010 mg/kg	Fluopicolide.	< 0,010 mg/kg	Fluopyram	< 0,010 mg/kg	< 0,010 mg/kg
Fluquinconazole	< 0,010 mg/kg	Flurochloridone	< 0,010 mg/kg	Fluroxypyr-meptyl	< 0,010 mg/kg	< 0,010 mg/kg
Flutriafol	< 0,010 mg/kg	Fonofos	< 0,010 mg/kg	Foramsulfuron	< 0,010 mg/kg	< 0,010 mg/kg
Formetanate	< 0,010 mg/kg	Fosthiazate	< 0,010 mg/kg	Fuberidazole	< 0,010 mg/kg	< 0,010 mg/kg
Furathiocarb	< 0,005 mg/kg	Furmecyclox.	< 0,010 mg/kg	Haloxypop.	< 0,010 mg/kg	< 0,010 mg/kg
Haloxypop-methyl	< 0,010 mg/kg	Heptenophos	< 0,010 mg/kg	Hexazinone	< 0,010 mg/kg	< 0,010 mg/kg
Hymexazole.	< 0,010 mg/kg	Imazalil	< 0,010 mg/kg	Imazamox	< 0,01 mg/kg	< 0,010 mg/kg
Imazapyr.	< 0,010 mg/kg	Imazaquin	< 0,010 mg/kg	Imidacloprid.	< 0,010 mg/kg	< 0,010 mg/kg
Iodosulfuron methyl	< 0,010 mg/kg	Iprobenphos.	< 0,010 mg/kg	Iprovalicarb	< 0,010 mg/kg	< 0,010 mg/kg
Isofenphos-ethyl.	< 0,010 mg/kg	Isofenphos-methyl	< 0,010 mg/kg	Isofenphos-oxon	< 0,010 mg/kg	< 0,010 mg/kg
Isoprotiolane	< 0,010 mg/kg	Isoproturon	< 0,010 mg/kg	Isoprazam.	< 0,010 mg/kg	< 0,010 mg/kg
Isoxathion	< 0,010 mg/kg	Kresoxim-methyl	< 0,010 mg/kg	Lenacil	< 0,010 mg/kg	< 0,010 mg/kg
Malaoxon	< 0,010 mg/kg	Malathion (sum)	< 0,010 mg/kg	Malathion.	< 0,010 mg/kg	< 0,010 mg/kg
Mecarbam	< 0,010 mg/kg	Mefenacet	< 0,010 mg/kg	Mepanipyrim.	< 0,010 mg/kg	< 0,010 mg/kg
Mesosulfuron-methyl	< 0,010 mg/kg	Mesotrione.	< 0,010 mg/kg	Metalaxyl	< 0,010 mg/kg	< 0,010 mg/kg
Metazachloor	< 0,010 mg/kg	Metconazole	< 0,010 mg/kg	Methabenzthiazuron	< 0,010 mg/kg	< 0,010 mg/kg
Methidathion	< 0,010 mg/kg	Methiocarb	< 0,010 mg/kg	Methiocarb (sum)	< 0,01 mg/kg	< 0,010 mg/kg
Methiocarb sulfoxide	< 0,010 mg/kg	Methomyl	< 0,010 mg/kg	Methoprotryne	< 0,010 mg/kg	< 0,010 mg/kg
Metobromuron	< 0,010 mg/kg	Metolachlor	< 0,010 mg/kg	Metolcarb	< 0,010 mg/kg	< 0,010 mg/kg
Metoxuron	< 0,010 mg/kg	Metrafenone.	< 0,010 mg/kg	Metribuzin	< 0,010 mg/kg	< 0,010 mg/kg
Mevinphos	< 0,010 mg/kg	Mexacarbate	< 0,010 mg/kg	Monalide	< 0,010 mg/kg	< 0,010 mg/kg
Monolinuron	< 0,010 mg/kg	Myclobutanil	< 0,010 mg/kg	Naphthylacetamide,1- (1-NAD	< 0,010 mg/kg	< 0,010 mg/kg
Nicosulfuron.	< 0,010 mg/kg	Nitenpyram	< 0,010 mg/kg	Novaluron	< 0,010 mg/kg	< 0,010 mg/kg
Ofurace	< 0,010 mg/kg	Omethoate	< 0,010 mg/kg	Orbencarb	< 0,010 mg/kg	< 0,010 mg/kg
Oxamyl	< 0,010 mg/kg	Oxasulfuron	< 0,010 mg/kg	Oxycarboxin	< 0,010 mg/kg	< 0,010 mg/kg
Paclobutrazol	< 0,010 mg/kg	Paraoxon-Ethyl	< 0,010 mg/kg	Paraoxon-methyl	< 0,010 mg/kg	< 0,010 mg/kg
Penconazole	< 0,010 mg/kg	Pencycuron	< 0,010 mg/kg	Pendimethalin.	< 0,010 mg/kg	< 0,010 mg/kg
Penthiopyrad	< 0,01 mg/kg	Phenmedipham	< 0,010 mg/kg	Phorate sulfone	< 0,010 mg/kg	< 0,010 mg/kg
Phosalone	< 0,010 mg/kg	Phosphamidon	< 0,010 mg/kg	Phoxim	< 0,010 mg/kg	< 0,010 mg/kg
Pirimicarb	< 0,010 mg/kg	Pirimidifen	< 0,010 mg/kg	Pirimiphos-ethyl	< 0,010 mg/kg	< 0,010 mg/kg
Prochloraz	< 0,010 mg/kg	Promecarb	< 0,010 mg/kg	Prometryn	< 0,010 mg/kg	< 0,010 mg/kg
Propamocarb	< 0,010 mg/kg	Propaphos	< 0,010 mg/kg	Propaquizafop.	< 0,010 mg/kg	< 0,010 mg/kg
Propazine	< 0,010 mg/kg	Propetamphos	< 0,010 mg/kg	Propiconazole	< 0,010 mg/kg	< 0,010 mg/kg
Propoxycarbazon sodium.	< 0,010 mg/kg	Proquinazid	< 0,010 mg/kg	Prosulfocarb.	< 0,010 mg/kg	< 0,010 mg/kg
Prothoate	< 0,010 mg/kg	Pymetrozine.	< 0,010 mg/kg	Pyracarbolid	< 0,010 mg/kg	< 0,010 mg/kg
Pyraclostrobin.	< 0,010 mg/kg	Pyraflufen-ethyl	< 0,010 mg/kg	Pyrazophos	< 0,010 mg/kg	< 0,010 mg/kg
Pyridafol (Ref: CL 9673)	< 0,010 mg/kg	Pyridaphenthion	< 0,010 mg/kg	Pyridate (sum)	< 0,01 mg/kg	< 0,010 mg/kg

Requested 25-Jul-2022 by Trouw BV
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Drs. ing. H. Janssens Director TLR International Laboratories

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Analytical Report

Reportnr.	: 1665908 version 1			Sampling Date	*: 25-Jul-2022		
Sample Arrival Date	: 25-Jul-2022 16:19			Samplesize (kg)	: 2,053		
ReportDate Version	: 06-Oct-2022 16:50						
Packing	: Plastic						
Pyrifenoxy	< 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	Quinoclamine	< 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
Saflufenacil	< 0,010 mg/kg Q	Sedaxane	< 0,010 mg/kg Q	Simazine	< 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	Spirodiclofen	< 0,010 mg/kg Q
Spiromesifen	< 0,010 mg/kg Q	Spirotetramat (MRL sum)	< 0,010 mg/kg Q	Spirotetramat-cis-enol	< 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	Tebuthiuron	< 0,010 mg/kg Q	TEPP,O,O-	< 0,010 mg/kg Q	TEPP,O,S-	< 0,010 mg/kg Q
Terbumeton	< 0,010 mg/kg Q	Terbutryn	< 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
Thiacloprid	< 0,010 mg/kg Q	Thiamethoxam	< 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	Thiodicarb	< 0,010 mg/kg Q	Thiofanox.	< 0,010 mg/kg Q
Thiofanox-sulfone	< 0,010 mg/kg Q	Thiofanox-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.	< 0,010 mg/kg Q	Triadimefon	< 0,010 mg/kg Q
Triadimenol	< 0,010 mg/kg Q	Triallate	< 0,010 mg/kg Q	Triapenthenol	< 0,010 mg/kg Q	Triazophos	< 0,010 mg/kg Q
Trichlorfon	< 0,010 mg/kg Q	Tricyclazole	< 0,010 mg/kg Q	Trietazine	< 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 (ILAC)
R1 - Carried out by TLR International Laboratories, location Ridderkerk

• ROTTERDAM • LIMA •

Analytical Report

Reportnr.	: 1665908 version 1	Sampling Date	*: 25-Jul-2022
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ReportDate Version	: 06-Oct-2022 16:50		
Packing	: Plastic		

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

Pesticides

Method Description

Determination of chloraat

Microbiological Determination

Common

Method Description

Detection of Salmonella (RT-PCR); [Microval 2011-LR40]

Enumeration of β -glucuronidase-positive Escherichia coli (E coli) at 42°C; [AFNOR 01/08-06/01]

Contaminations

Common

Method Description

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

Mycotoxins

Method Description

Determination of mycotoxins; HPLC MS/MS

Pesticides

Method Description

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

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

Pesticides (Glufosinate)

Method Description

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

Pesticides (Glyphosate)

Method Description

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

Method Code

Own method***

Method Code

HPLC-MSMS

Method Code

Eq EN-ISO- 6579-1

Eq.-NEN-ISO 16649-2

Method Code

Own method

Method Code

Own method

Method Code

Own method

Own method

Method Code

own method

Method Code

Own method

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Analytical Report

Reportnr. : **1665908 version 1**
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Pesticides LCMSMS (neg. ionisation)

Method Description

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

Method Code

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Abbreviations:

acc: in accordance with
eq: Equivalent to

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