

AGROLAB Polska Sp z o.o.

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Ławki Organic
Ławki 41
14-405 Wilczęta

Date 09.01.2024
Customer no. 109337

REPORT 482228 - 712187 / 4

This version replaces the previous test report version 3 of the order 482228, which hereby loses its validity. If applicable, the number reported after the slash of the analysis number(s) identifies the sample(s) affected by the amendments.

Test report version 4
Order 482228

Dear sir, madam,

Amendments to previous version
Amendments to previous version at order level
Language version of the report : English

Yours sincerely,

AGROLAB Polska Sp. z o.o.
Edyta Grzegorzczuk-Majcher
mgr inż. Edyta Grzegorzczuk-Majcher
Konsultant Analityczny

Compiled: AGROLAB Polska mgr inż. Edyta Grzegorzczuk-Majcher, Tel. +48/81 4400704
Customer service

Authorized:
mgr Ewa Plizga, Lider zespołu Pracowni Analiz Instrumentalnych

The activities reported in this document are accredited according to PN-EN ISO/IEC 17025:2018-02. Only not accredited activities are identified by the symbol " * " .

DOC-18-5112870-EN-1

Prezes: Paul Wimmer,
Członek Zarządu: Wiebke Puschmann

Sąd Rejonowy Lublin-Wschód z/s w Lublinie
VI Wydział Gospodarczy KRS

NIP 118-07-45-971
REGON 012270240
KRS 000006477

Obowiązuje wyłącznie nasze Ogólne Warunki Współpracy (OWW), dostępne na stronie internetowej firmy <http://www.agrolab.com/en/gtc>. Zwracamy uwagę na stosowanie się do nich.

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Test report version	4
Order	482228
Sample no.	712187 / 4
Sample acceptance	04.12.2023
Date of sampling	No information.
Sample taker	Client
Customer sample description	Kasza gryczana biała bio/ White buckwheat bio
Packaging	Foil, closed
Sample condition	No objections
Acceptance temperature [°C]	+7,0
Additional information	Wyniki badania pestycydów w uzasadnionych przypadkach są korygowane o odzysk.

Tested pesticides (See appendix for complete list of active ingredients)

In the range of performed analysis no pesticides of multimethod were detected above limit of detection/quantification.

Explanation: The symbol "<" or n.q. in the result column means, the parameter concerned is not quantifiable at the limit of quantification shown opposite.

The sign "<"..."(LOD)" or n.d. in column result means, the parameter concerned cannot be detected within the limit of detection.

Parameter-specific analytical measurement uncertainties and information regarding the method of calculation will be provided upon request if the reported results are above the parameter-specific limit of quantification.

u) External service of an AGROLAB GROUP laboratory

Analysed by

(KI) AGROLAB LUFA GmbH, Dr.-Hell-Str. 6, 24107 Kiel, accredited for the cited method according to DIN EN ISO/IEC 17025:2018, Accreditation number: D-PL-14082-01-00 DAkkS

Methods

calculated; EN 15662 : 2018-05 (mod.)

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Test report version 4
Order 482228
Sample no. 712187 / 4

Remarks

W badanym zakresie nie wykryto substancji, których stosowanie jest niedozwolone w żywności ekologicznej według Rozporządzenia wykonawczego Komisji (UE) 2021/1165 z dnia 15 lipca 2021 r. zezwalającego na stosowanie niektórych produktów i substancji w produkcji ekologicznej oraz ustanawiające ich wykazy (Rozporządzenie Parlamentu Europejskiego i Rady (UE) 2018/848 z dnia 30 maja 2018 r. w sprawie produkcji ekologicznej i znakowania produktów ekologicznych i uchylające rozporządzenie Rady (WE) nr 834/2007 (Dz. U. L 150 z 14.06.2018 r.)).

Zwracamy uwagę, że wszelkie nieprawidłowości lub naruszenia obowiązujących rozporządzeń i przepisów dotyczących rolnictwa ekologicznego mogą być stwierdzone tylko przez właściwe jednostki certyfikujące lub organy kontrolne.

Start of testing: 06/12/2023

End of testing: 11/12/2023

The results are related only to the samples tested. In cases where the laboratory has not been responsible for sampling, the reported results apply to the samples as received. The laboratory is not responsible for the information provided by the customer. The customer information, if any, presented in this test report is not subject to the accreditation of the laboratory and may affect the validity of the test results. Duplication of this document or of parts of it requires the authorization from laboratory.

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mgr inż. Edyta Grzegorzczak-Majcher
Konsultant Analityczny

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Date 09.01.2024

Customer no. 109337

REPORT 482228 - 712187 / 4

Test report version **4**
Order **482228**
Sample no. **712187 / 4**

Active ingredient spectrum of multimethods

Method: calculated(KI), Unit: mg/kg			
Parameter	Limit of quantification	Parameter	Limit of quantification
1-naphthylacetamide and 1-naphthylacetic acid	u)	Sum acibenzolar-S-methyl and acibenzolar acid (without hydrolysis)	u)
Sum aldrin, dieldrin	u)	Sum amitraz	u)
Sum captan and Tetrahydrophthalimide (THPI)	u)	Sum carbofuran, 3-hydroxycarbofuran	u)
Sum chloridazon	u)	Sum chlorpyrifos-methyl	u)
Sum cycloxydim	u)	Sum DDT-isomers	u)
Sum endosulfan-alpha, -beta, -sulfat	u)	Sum ethofumesate	u)
Sum fenchlorphos	u)	Sum fenthion	u)
Sum flonicamid	u)	Sum flufenacet	u)
Sum Isoxaflutole	u)	Sum MCPA, MCPB (without hydrolysis)	u)
Sum methiocarb, -sulfone, -sulfoxide	u)	Sum of cis- and trans-chlordane (F) (R)	u)
Sum of malathion and malaoxon	u)	Sum oxydemeton-methyl, demeton-S-methyl-sulfon	u)
Sum Pencycuron	u)	Sum phorate	u)
Sum propachlor	u)	Sum propoxycarbazone	u)
Sum pyridate (without hydrolysis)	u)	Sum quintozone and pentachloro-aniline	u)
Sum spirotetramat	u)	Sum tepaloxymid	u)
Sum triflumizole and FM 6-1	u)	Sum aldicarb/-sulfon/-sulfoxid	u)

Method: EN 15662 : 2018-05 (mod.)(KI), Unit: mg/kg			
Parameter	Limit of quantification	Parameter	Limit of quantification
1-Naphthylacetic acid	u) 0,05	1-Naphthylacetic amide	u) 0,01
2,4-D (free acid)	u) 0,01	2,4-DB (free acid)	u) 0,01
2-hydroxypropoxycarbazone	u) 0,01	2-Naphtoxyacetic acid	u) 0,01
3-Hydroxy-Carbofuran	u) 0,01	4,4'-Dibromobenzophenone	u) 0,01
6-hydroxy-Bentazone	u) 0,01	8-hydroxy-Bentazone	u) 0,01
Acetamiprid	u) 0,01	Acetochlor	u) 0,01
Acibenzolar-S-methyl (before hydrolysis)	u) 0,01	Aclonifen	u) 0,01
Alachlor	u) 0,01	Aldicarb	u) 0,01
Aldicarb-sulfoxide	u) 0,01	Aldrin	u) 0,005
Ametryn	u) 0,01	Aminocarb	u) 0,01
Amitraz	u) 0,01	Anthraquinone	u) 0,01
Azaconazole	u) 0,01	Azadirachtin	u) 0,01
Azinphos-methyl	u) 0,01	Azoxystrobin	u) 0,01
Bendiocarb	u) 0,01	Benfluralin	u) 0,01
Bentazone	u) 0,01	Benthiavalcab-isopropyl	u) 0,01
Bifenazate	u) 0,01	Bifenox	u) 0,01
Biphenyl (Diphenyl)	u) 0,01	Bitertanol	u) 0,01
Boscalid	u) 0,01	Bromacil	u) 0,01
Bromophos-ethyl	u) 0,01	Bromophos-methyl	u) 0,01
Bromoxynil	u) 0,01	Bromuconazole	u) 0,01
Buprofezin	u) 0,01	Butafenacil	u) 0,01
Butocarboxim-sulfoxide	u) 0,01	Butoxycarboxim	u) 0,01
Captan	u) 0,01	Carbaryl	u) 0,01
Carbophenothion	u) 0,01	Carbophenothion-methyl	u) 0,01
Carboxin	u) 0,01	Carboxinsulfoxide	u) 0,01
Chlorbendise	u) 0,01	Chlorbufam	u) 0,01
Chlordane gamma	u) 0,005	Chlordane oxy	u) 0,005
Chlorfenprop-methyl	u) 0,01	Chlorfenson	u) 0,01
Chlorflurenol	u) 0,01	Chlorflurenol-methyl	u) 0,01
Chlorimuron-ethyl	u) 0,01	Chlormephos	u) 0,01
Chloroneb	u) 0,01	Chlorotoluron	u) 0,01
Chlorpropham	u) 0,01	Chlorpropylate	u) 0,01
Chlorpyrifos-methyl	u) 0,01	Chlorpyrifos-methyl-desmethyl	u) 0,01
Chlorthalonil	u) 0,01	Chlorthion	u) 0,01
Chlozolinate	u) 0,01	Cinerin I	u) 0,01
Cinosulfuron	u) 0,01	Clethodim	u) 0,01
Clethodimsulfoxide	u) 0,01	Climbazole	u) 0,01
Clodinafop-propargyl	u) 0,01	Clofentezin	u) 0,01
Clopyralid	u) 0,05	Cloquintocet-mexyl	u) 0,01
Coumaphos	u) 0,01	Crimidine	u) 0,01
		2,4,5-T (free acid)	u) 0,01
		2,4-Dimethylphenylformamide	u) 0,01
		2-Phenylphenol	u) 0,01
		4-Chlorophenoxyacetic acid (4-CPA)	u) 0,01
		Acephate	u) 0,01
		Acibenzolaracid (free acid)	u) 0,01
		Acinathrin and its enantiomer	u) 0,01
		Aldicarb-sulfon	u) 0,01
		Ametoctradin	u) 0,01
		Amisulbrom	u) 0,01
		Atrazine	u) 0,01
		Azinphos-ethyl	u) 0,01
		Benalaxyl	u) 0,01
		Bensulfuron-methyl	u) 0,01
		Benzovindiflupyr	u) 0,01
		Bifenthrin	u) 0,01
		Bixafen	u) 0,01
		Bromocyclen	u) 0,01
		Bromopropylate	u) 0,01
		Bupirimate	u) 0,01
		Butocarboxim	u) 0,01
		Cadusafos	u) 0,01
		Carbofuran	u) 0,01
		Carbosulfan	u) 0,01
		Chlorantraniliprol	u) 0,01
		Chlordane alpha	u) 0,005
		Chlorfenapyr	u) 0,01
		Chlorfluzauron	u) 0,01
		Chloridazon	u) 0,01
		Chlorobenzilate	u) 0,01
		Chlorphenvinphos	u) 0,01
		Chlorpyrifos	u) 0,01
		Chlorthal-dimethyl	u) 0,01
		Chlorthiophos	u) 0,01
		Cinerin II	u) 0,01
		Clethodimsulfon	u) 0,01
		Clodinafop	u) 0,01
		Clomazone	u) 0,01
		Clothianidin	u) 0,01
		Cyanazin	u) 0,01

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DOC-18-5112870-EN-P4

Prezes: Paul Wimmer,
Członek Zarz du: Wiebke Puschnann

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REGON 012270240
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page 4 of 9

S d Rejonowy Lublin-Wschód z/s w widniku
VI Wydział Gospodarczy KRS

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AGROLAB GROUP

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Date 09.01.2024

Customer no. 109337

REPORT 482228 - 712187 / 4

Test report version **4**
Order **482228**
Sample no. **712187 / 4**

Method: EN 15662 : 2018-05 (mod.)(KI), Unit: mg/kg				
Parameter	Limit of Parameter quantification	Parameter	Limit of Parameter quantification	Limit of quantification
Cyanofenphos	0,01	Cyanophos	0,01	0,01
Cyazofamid	0,01	Cyclanilid	0,01	0,01
Cycloxydim	0,01	Cyflufenamid	0,01	0,01
Cyfluthrin	0,01	Cyhalofop-butyl	0,01	0,01
Cypermethrin	0,01	Cyproconazole	0,01	0,01
Deltamethrin	0,01	Demeton-S-methyl	0,01	0,01
Desmedipham	0,01	Desmetyrn	0,01	0,01
Dichlobenil	0,01	Dichlofenthione	0,01	0,01
Dichlorprop (free acid)	0,01	Dichlorvos	0,01	0,01
Diclofop	0,01	Dicloran	0,01	0,01
Dicrotophos	0,01	Dieldrin	0,005	0,01
Diethyltoluamide (DEET)	0,01	Difenacoum	0,01	0,01
Diflubenzuron	0,01	Diflufenican	0,01	0,01
Dimethoate	0,01	Dimethomorph	0,01	0,01
Dimoxystrobin	0,01	Diniconazole	0,01	0,01
Dinotefuran	0,01	Dinoterb (before hydrolysis)	0,01	0,01
Diphenylamine	0,01	Dipropetryn	0,01	0,01
Disulfoton-sulfone	0,01	Disulfoton-sulfoxide	0,01	0,01
Diuron	0,01	DMSA	0,01	0,01
Dodin	0,01	Emamectin	0,01	0,005
Endosulfan beta	0,005	Endosulfansulfat	0,005	0,005
Endrin Ketone	0,01	EPN	0,01	0,01
EPTC	0,01	Etaconazole	0,01	0,01
Ethiofencarb	0,01	Ethiofencarb-sulfon	0,01	0,01
Ethion	0,01	Ethiprole	0,01	0,01
Ethofumesate	0,01	Ethofumesate-2-keto	0,05	0,01
Ethoxyquin	0,01	Etofenprox	0,01	0,01
Etridiazole	0,01	Etrimfos	0,01	0,01
Famphur	0,01	Fenamidone	0,01	0,01
Fenamiphos-sulfoxide	0,01	Fenamiphos-sulphone	0,01	0,01
Fenazaquine	0,01	Fenbuconazole	0,01	0,01
Fenchlorphos	0,01	Fenchlorphos-oxon	0,01	0,01
Fenhexamid	0,01	Fenitrothion	0,01	0,01
Fenoxaprop	0,01	Fenoxycarb	0,01	0,01
Fenpicoxamid	0,01	Fenproprathrine	0,01	0,01
Fenpropimorph	0,01	Fenpyrazamin	0,01	0,01
Fenson	0,01	Fensulfothion	0,01	0,01
Fensulfiothion-oxon-sulfon	0,01	Fensulfiothion-sulfon	0,01	0,01
Fenthion-oxone	0,01	Fenthion-oxon-sulfon	0,01	0,01
Fenthion-sulfon	0,01	Fenthion-sulfoxide	0,01	0,01
Fenuron	0,01	Fenvalerate	0,01	0,002
Fipronil-sulfon	0,002	Fonicamid	0,01	0,01
Fluazifop (free acid)	0,01	Fluazifop-butyle	0,01	0,01
Flubendiamid	0,01	Fluchloralin	0,01	0,01
Fludioxonil	0,01	Flufenacet	0,01	0,01
Flufenacet OA (Oxalamic Acid)	0,01	Flufenacet-alcohol	0,01	0,01
Flufenoxuron	0,01	Flufenzin	0,01	0,01
Flumioxazin	0,01	Fluometuron	0,01	0,01
Fluopyram	0,01	Fluoxastrobin	0,01	0,01
Fluquinconazole	0,01	Flurochloridone	0,01	0,01
Flurprimidol	0,01	Flusilazole	0,01	0,01
Flutolanil	0,01	Flutriafol	0,01	0,01
Fluxapyroxad	0,01	FM 6-1	0,01	0,01
Fonofos	0,01	Forchlorfenuron	0,01	0,01
Formothion	0,01	Fosthiazat	0,01	0,01
Furalaxyl	0,01	Furathiocarb	0,01	0,01
Halifenprox	0,01	Halofenozid	0,01	0,01
Haloxypop methyl	0,01	Haloxypop-ethoxy-ethyl	0,01	0,005
HCH-beta	0,005	HCH-delta	0,005	0,005
HCH-gamma (Lindane)	0,005	Heptachlor	0,005	0,005
Heptachlorepoxyde-trans	0,005	Heptenophos	0,01	0,005
Hexaconazole	0,01	Hexaflumuron	0,01	0,01
Hexythiazox	0,01	Icaridin (Picaridin)	0,01	0,01

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page 5 of 9

Prezes: Paul Wimmer,
Członek Zarz du: Wiebke Puschnann

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Date 09.01.2024

Customer no. 109337

REPORT 482228 - 712187 / 4

Test report version **4**
Order **482228**
Sample no. **712187 / 4**

Method: EN 15662 : 2018-05 (mod.)(KI), Unit: mg/kg			
Parameter	Limit of Parameter quantification	Parameter	Limit of Parameter quantification
Imazamox	0,01	Imazapic	0,01
Imazaquine	0,01	Imazethapyr	0,01
Imidacloprid	0,01	Indoxacarb	0,01
Iodosulfuron-methyl-sodium	0,01	Ioxynil	0,01
Iprodion	0,01	Iprovalicarb	0,01
Isocarbophos	0,01	Isodrin	0,01
Isofenphos-methyl	0,01	Isofetamid	0,01
Isoprothiolane	0,01	Isoproturon	0,01
isoxaben	0,01	Isoxadifen-ethyl	0,01
Isoxathion	0,01	Jasmolin I	0,01
Kresoxim-methyl	0,01	Lambda-cyhalothrin	0,01
Lenacil	0,01	Leptophos	0,01
Malaaxon	0,01	Malathion	0,01
Mandipropamid	0,01	MCPA (free acid)	0,01
Mecarbame	0,01	Mecoprop	0,01
Mepanipirim	0,01	Mepronil	0,01
Metaflumizone	0,01	Metaxyl (Sum of Metaxyl and Metaxyl-M)	0,01
Metamitron	0,01	Metazachlor	0,01
Methabenzthiazuron	0,01	Methacrifos	0,01
Methidathion	0,01	Methiocarb	0,01
Methiocarb-sulfoxid	0,01	Methomyl	0,01
Methoxychlor	0,005	Methoxyfenozide	0,01
Metolachlor	0,01	Metolcarb	0,01
Metoxuron	0,01	Metrafenone	0,01
Metsulfurone-methyl	0,01	Mevinphos	0,01
Molinat	0,01	Monocrotophos	0,01
Monuron	0,01	Myclobutanil	0,01
Napropamide	0,01	Neburon	0,01
Nitenpyram	0,01	Nitralin	0,01
Nitrofen	0,005	Nitrothal-isopropyl	0,01
Novaluron	0,01	Nuarimol	0,01
Ofurace	0,01	Omethoate	0,01
o,p-DDE	0,005	o,p-DDT	0,005
Oxadixyle	0,01	Oxamyl	0,01
Oxycarboxin	0,01	Oxydemeton-methyl	0,01
Paclobutrazol	0,01	Paraoxon-ethyl	0,01
Parathion-ethyl	0,01	Parathion-methyl	0,01
Penconazol	0,01	Pencycuron	0,01
Pendimethalin	0,01	Penflufen	0,01
Pentachloroanisol	0,01	Pentachlorobenzene	0,01
Penthiopyrad	0,01	Permethrin	0,01
Pethoxamid	0,01	Phenkapton	0,01
Phenthoate	0,01	Phorate	0,01
Phorat-oxon-sulfon	0,01	Phorat-oxon-sulfoxid	0,01
Phorat-sulfoxid	0,01	Phosalone	0,01
Phosmet-oxon	0,01	Phosphamidon	0,01
Phthalimide	0,02	Picloram	0,01
Picoxystrobin	0,01	Piperonylbutoxide	0,01
Pirimiphos-ethyl	0,01	Pirimiphos-methyl	0,01
p,p-DDE	0,005	p,p-DDT	0,005
Prochloraz desimidazole-amino (BTS 44595)	0,01	Prochloraz desimidazole-formylamino (BTS 44596)	0,01
Profenofos	0,01	Profluralin	0,01
Promecarb	0,01	Prometryn	0,01
Propachlor OA (Oxalamic Acid)	0,01	Propamocarb	0,01
Propaquizafop	0,01	Propargite	0,01
Propetamphos	0,01	Propham	0,01
Propoxur	0,005	Propoxycarbazon	0,01
Proquinazide	0,01	Prosulfocarb	0,01
Prothiophos	0,01	Pymetrozine	0,01
Pyraflufen-ethyl	0,01	Pyrazophos	0,01
Pyrethrin II	0,01	Pyridaben	0,01
Pyridaphenthion	0,01	Pyridate (without hydrolysis)	0,01
Pyrimethanile	0,01	Pyrimidifen	0,01
		Imazapyr	0,01
		Imibenconazole	0,01
		Iodofenphos	0,01
		Iprobenfos	0,01
		Isazofos	0,01
		Isofenphos	0,01
		Isoprocarb	0,01
		Isopyrazam	0,01
		Isoxaflutole	0,01
		Jasmolin II	0,01
		Landrin (3,4,5-Trimethacarb)	0,01
		Linuron	0,01
		Mandestrobin	0,01
		MCPB (free acid)	0,01
		Mefenpyr-diethyl	0,01
		Meptyldinocap	0,01
		Metaldehyd	0,01
		Metconazole	0,01
		Methamidophos	0,01
		Methiocarb-sulfon	0,01
		Methoprotryne	0,01
		Metobromuron	0,01
		Metosulam	0,01
		Metribuzin	0,01
		Mirex	0,005
		Monolinuron	0,01
		N-2,4-Dimethylphenyl-N-methylformamidine	0,01
		Nicosulfuron	0,01
		Nitrapyrin	0,01
		Norflurazon	0,01
		Octachloridpropylether (S421)	0,01
		o,p-DDD	0,005
		Oxadiazon	0,01
		Oxathiapiprolin	0,01
		Oxyfluorfen	0,01
		Paraoxon-methyl	0,02
		Pebulate	0,01
		Pencycuron-PB-amin	0,01
		Pentachloro-aniline	0,01
		Pentachlorophenole (PCP)	0,01
		Perthane	0,01
		Phenmedipham	0,01
		Phorat-oxon	0,01
		Phorat-sulfon	0,01
		Phosmet	0,01
		phoxim	0,01
		Picolinafen	0,01
		Pirimicarb	0,01
		p,p-DDD	0,005
		Prochloraz	0,01
		Procymidone	0,01
		Profoxydim	0,01
		Propachlor	0,01
		Propanil	0,01
		Propazine	0,01
		Propiconazole	0,01
		Propyzamide	0,01
		Prothioconazole (Prothioconazole-desthio)	0,01
		Pyraclostrobin	0,01
		Pyrethrin I	0,01
		Pyridalyl	0,01
		Pyrifenox	0,01
		Pyriproxyfen	0,01

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Prezes: Paul Wimmer,
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Date 09.01.2024

Customer no. 109337

REPORT 482228 - 712187 / 4

Test report version **4**
Order **482228**
Sample no. **712187 / 4**

Method: EN 15662 : 2018-05 (mod.)(KI), Unit: mg/kg								
Parameter		Limit of Parameter quanti- fication	Limit of Parameter quanti- fication	Limit of quanti- fication				
Pyroxsulam	u)	0,01	Quinalphos	u)	0,01	Quinmerac	u)	0,01
Quinoxifen	u)	0,01	Quintozene	u)	0,005	Quizalofop (free acid)	u)	0,01
Quizalofop-ethyl	u)	0,01	Resmethrine	u)	0,01	Rotenone	u)	0,01
RPA202248	u)	0,01	RPA203328	u)	0,01	Sedaxane	u)	0,01
Sethoxydim	u)	0,01	Silafluofen	u)	0,01	Silthiofam	u)	0,01
Simazin	u)	0,01	Spinetoram	u)	0,01	Spinosyn A	u)	0,01
Spinosyn D	u)	0,01	Spiromesifen	u)	0,01	Spirotetramat	u)	0,01
Spirotetramat-enol	u)	0,01	Spiroxamine	u)	0,01	Sulfentrazone	u)	0,01
Sulfotep	u)	0,01	Sulfoxaflor	u)	0,01	Sulprofos	u)	0,01
Sum carbendazim/benomyl	u)	0,01	Tebuconazole	u)	0,01	Tebufenozide	u)	0,01
Tebufenpyrad	u)	0,01	Tecnazene	u)	0,005	Teflubenzuron	u)	0,01
Tefluthrine	u)	0,01	Tembotrion	u)	0,01	Tepraloxydym	u)	0,01
Terbacil	u)	0,01	Terbufos	u)	0,01	Terbufos-sulfon	u)	0,01
Terbufos-sulfoxide	u)	0,01	Terbumeton	u)	0,01	Terbutryne	u)	0,01
Terbutylazin-desethyle	u)	0,01	Terbutylazine	u)	0,01	Tetrachlorvinphos	u)	0,01
Tetraconazole	u)	0,01	Tetradifon	u)	0,005	Tetrahydrophthalimide (THPI)	u)	0,01
Tetramethrine	u)	0,01	Tetrasul	u)	0,01	TFNA	u)	0,01
TFNG	u)	0,01	Thiabendazole	u)	0,01	Thiacloprid	u)	0,01
Thiamethoxam	u)	0,01	Thiobencarb	u)	0,01	Thiodicarb	u)	0,01
Thiofanox-sulfoxide	u)	0,01	Thiometon	u)	0,01	Thiometon-sulfon	u)	0,01
Thiometon-sulfoxide	u)	0,01	Thiophanat-methyl	u)	0,01	Tolclofos-methyl	u)	0,01
Tolfenpyrad	u)	0,01	Tolyfluanide	u)	0,01	Tralkoxydim	u)	0,01
Transfluthrine	u)	0,01	Triadimefon	u)	0,01	Triadimenol	u)	0,01
Triallate	u)	0,01	Triasulfuron	u)	0,01	Triazamat	u)	0,01
Triazophos	u)	0,01	Trichlorfon	u)	0,01	Trichloronate	u)	0,01
Triclopyr	u)	0,01	Tricyclazole	u)	0,01	Tridemorph	u)	0,01
Trifloxystrobin	u)	0,01	Triflumizole	u)	0,01	Triflumuron	u)	0,01
Trifluralin	u)	0,01	Triflusaluron-methyl	u)	0,01	Triforine	u)	0,01
Trinexapac	u)	0,02	Trinexapac-ethyl	u)	0,01	Triticonazole	u)	0,01
Tritosulfuron	u)	0,01	Uniconazole	u)	0,01	Valifenalate	u)	0,01
Vamidothion	u)	0,01	Vinclozolin	u)	0,01	Warfarin	u)	0,01
Zoxamide	u)	0,01						

u) External service of an AGROLAB GROUP laboratory

"Remark to Summe Pyridat: Sum of pyridate, its hydrolysis product CL 9673 (6-chloro-4-hydroxy-3-phenylpyridazin) and hydrolysable conjugates of CL 9673 expressed as pyridate).

The residue definition is not fully met as no hydrolysis has taken place in the multi-method.

Remark concerning Deltamethrin: Deltamethrin (cis-deltamethrin) (F)

Remark to Benalaxyl: Benalaxyl including other mixtures of constituent isomers including Benalaxyl-M (sum of isomers).

Remark to Benthiavalicarb-isopropyl: Benthiavalicarb-isopropyl (KIF-230 R-L) and its enantiomer (KIF-230 S-D) and its diastereomers (KIF-230 S-L and KIF-230 R-D), expressed as benthiavalicarb-isopropyl (A).

Remark to Bromoxynil: Bromoxynil and its salts, expressed as bromoxynil.

Remark to Bromuconazole: Sum of diastereoisomers (F).

Remark to Cyflufenamid: Sum of cyflufenamid (Z-isomer) and its E-isomer.

Remark to Cyfluthrin: Cyfluthrin including other mixtures of constituent isomers (sum of isomers) (F).

Remark to Cypermethrin: Cypermethrin including other mixtures of constituent isomers (sum of isomers) (F).

Remark to Diclofop: Sum diclofop-methyl and diclofop acid expressed as diclofop-methyl. (The quantitative determination was carried out after hydrolysis as a total acid.)

Remark to Dicofof: Sum of p, p' and o,p' isomers (F).

Remark to Dimethenamid: Dimethenamid including other mixtures of constituent isomers including dimethenamid-P (sum of isomers).

Remark to Dimethomorph: Sum of isomers.

Remark to Diniconazole: Sum of isomers.

Remark to Dinocap: Sum of dinocap isomers and their corresponding phenols expressed as dinocap.

Remark to Emamectin: Emamectin B1a and its salts, expressed as emamectin B1a (free base) (R) (F)

Remark to Fenpropidin: Sum of fenpropidin and its salts, expressed as fenpropidin (R) (A).

Remark to Fenpropimorph: Sum of isomers (F) (R).

Remark to Fenvalerate: Any ratio of constituent isomers (RR, SS, RS & SR) including esfenvalerate (F) (R).

Remark to Formetanate(hydrochloride): Sum of formetanate and its salts expressed as formetanate(hydrochloride).

Remark to Imazamox: Sum of imazamox and its salts, expressed as imazamox.

Remark to Indoxacarb: Sum of indoxacarb and its R enantiomer (F).

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Prezes: Paul Wimmer,
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S d Rejonowy Lublin-Wschód z/s w widniku
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Date 09.01.2024
Customer no. 109337

REPORT 482228 - 712187 / 4

Test report version 4
Order 482228
Sample no. 712187 / 4

Remark to Iodosulfuron-methyl-sodium: Sum of iodosulfuron-methyl and its salts, expressed as iodosulfuron-methyl.
Remark to Ioxynil: Sum of Ioxynil, its salts and its esters, expressed as Ioxynil (F). (The quantitative determination was carried out after hydrolysis as a total acid.)
Remark to Lambda-cyhalothrin: Lambda-cyhalothrin (includes gamma-cyhalothrin) (sum of R,S and S,R isomers) (F)
Remark to Mecoprop: Sum of mecoprop-p and mecoprop expressed as mecoprop.
Remark to Meptyldinocap: Sum of 2,4 DNOPC and 2,4 DNOP expressed as meptyldinocap. By the multi-method only the free acid of the active ingredient is detected. If contents equal or higher than 0.008 mg/kg are detected, a quantitative analysis of the total acid is performed by hydrolysis
Remark to Metaflumizone: Sum of E- and Z-isomers.
Remark to Metalaxyl (Sum of metalaxyl and metalaxyl-M): Metalaxyl including other mixtures of constituent isomers including metalaxyl-M (sum of isomers).
Remark to Metconazole: Sum of isomers (F).
Remark to Metolachlor: Metolachlor including other mixtures of constituent isomers including S-metolachlor (sum of isomers).
Remark to Mevinphos: Sum of E- and Z-isomers.
Remark to Pencycuron: Pencycuron (sum of pencycuron and pencycuron-PB-amine, expressed as pencycuron).
Remark to Permethrin: Sum of isomers (F).
Remark to Propamocarb: Sum of propamocarb and its salts, expressed as propamocarb (R).
Remark to Propiconazole: Sum of the isomers (F).
Remark to Prothioconazole: Prothioconazole-desthio: Prothioconazole-desthio (sum of isomers) (F).
Remark to Resmethrin: Resmethrin including other mixtures of constituent isomers (sum of isomers) (F).
Remark to Spinosad: Spinosad (spinosad, sum of spinosyn A and spinosyn D) (F)
Remark to Spiroxamine: Sum of isomers (A) (R).
Remark to Sulfoxaflor: Sum of isomers.
Remark to Sum Amitraz: Amitraz including the metabolites containing the 2,4 -dimethylaniline moiety expressed as amitraz. The sum parameter takes into account the active metabolites, which are detectable safely using the specified method. The actual content may be higher and can only be determined with a single method.
Remark to Sum Carboxin: Carboxin (carboxin plus its metabolites carboxin sulfoxide and oxycarboxin (carboxin sulfone), expressed as carboxin).
Remark to Sum Flufenacet: Sum of all compounds containing the N fluorophenyl-N-isopropyl moiety expressed as flufenacet equivalent.
Remark to Sum Isoxaflutole: Isoxaflutole (sum of isoxaflutole and its diketonitrile-metabolite, expressed as isoxaflutole)
Remark to Sum MCPA, MCPB: MCPA and MCPB (MCPA, MCPB including their salts, esters and conjugates expressed as MCPA) (R) (F). The residue definition is not fully met as no hydrolysis has taken place in the multi-method.
Remark to Sum Spirotetramat: Spirotetramat and spirotetramat-enol (sum of), expressed as spirotetramat (R)
Remark to Sum acibenzolar-S-methyl and acibenzolar: Sum of acibenzolar-S-methyl and acibenzolar acid (free and conjugated), expressed as acibenzolar-S-methyl. The residue definition is not fully met as no hydrolysis has taken place in the multi-method.
Remark to Sum aldicarb/-sulfon/-sulfoxid: Sum of aldicarb, its sulfoxide and its sulfone, expressed as aldicarb.
Remark to Sum aldrin, dieldrin: Aldrin and dieldrin combined expressed as dieldrin (F).
Remark to Sum bentazone: Sum of bentazone, its salts and 6-hydroxy (free and conjugated) and 8-hydroxy bentazone (free and conjugated), expressed as bentazone (R).
Remark to Sum bifentazate: Sum of bifentazate plus bifentazate-diazene expressed as bifentazate (F).
Remark to Sum captan and THPI: Sum of captan and THPI, expressed as captan (R) (A).
Remark to Sum carbendazim/benomyl: Sum of benomyl and carbendazim expressed as carbendazim (R).
Remark to Sum carbofuran, 3-hydroxycarbofuran: Sum of carbofuran (including any carbofuran generated from carbosulfan, benfuracarb or furathiocarb) and 3-OH carbofuran expressed as carbofuran (R).
Remark to Sum chloridazon: Chloridazon (R) (sum of chloridazon and chloridazon-desphenyl, expressed as chloridazon). The sum parameter takes into account the active metabolites, which are detectable safely using the specified method. The actual content may be higher and can only be determined with a single method.
Remark to Sum clethodim: Sum of sethoxydim and clethodim including degradation products calculated as sethoxydim. The sum parameter takes into account the active metabolites, which are detectable safely using the specified method. The actual content may be higher and can only be determined with a single method.
Remark to Sum cycloxydim: Cycloxydim including degradation and reaction products which can be determined as 3-(3-thianyl)glutaric acid S-dioxide (BH 517-TGSO2) and/or 3-hydroxy-3-(3-thianyl)glutaric acid S-dioxide (BH 517-5-OH-TGSO2) or methyl esters thereof, calculated in total as cycloxydim. The sum parameter takes into account the active metabolites, which are detectable safely using the specified method. The actual content may be higher and can only be determined with a single method.
Remark to Sum disulfoton: Sum of disulfoton, disulfoton sulfoxide and disulfoton sulfone expressed as disulfoton (F).
Remark to Sum endosulfan-alpha, -beta, -sulphate: Sum of alpha- and beta-isomers and endosulfan-sulphate expressed as endosulfan (F).
Remark to Sum ethofumesate: Sum of ethofumesate, 2-keto-ethofumesate, open-ring-2-keto-ethofumesate and its conjugate, expressed as ethofumesate. The sum parameter takes into account the active metabolites, which are detectable safely using the specified method. The actual content may be higher and can only be determined with a single method.
Remark to Sum fenamiphos, -sulfoxide, -sulfone: Sum of fenamiphos and its sulphoxide and sulphone expressed as fenamiphos.
Remark to Sum fenchlorphos: Sum of fenchlorphos and fenchlorphos oxon expressed as fenchlorphos.

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S d Rejonowy Lublin-Wschód z/s w widniku
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Date 09.01.2024
Customer no. 109337

REPORT 482228 - 712187 / 4

Test report version 4
Order 482228
Sample no. 712187 / 4

Remark to Sum fipronil, -sulfone (MB 46136): Sum fipronil + sulfone metabolite (MB46136) expressed as fipronil (F).
Remark to Sum flonicamid: Sum of flonicamid, TFNA and TFNG expressed as flonicamid (R).
Remark to Sum folpet and phtalimide: Sum of folpet and phtalimide, expressed as folpet (R).
Remark to Sum heptachlor, heptachlorepoide: Sum of heptachlor and heptachlor epoxide expressed as heptachlor (F).
Remark to Sum malathion and malaixon: Sum of malathion and malaixon expressed as malathion.
Remark to Sum metazachlor: Sum of metabolites 479M04, 479M08, 479M16, expressed as metazachlor (R). The sum parameter takes into account the active metabolites, which are detectable safely using the specified method. The actual content may be higher and can only be determined with a single method.
Remark to Sum methiocarb, -sulfone, -sulfoxide: Sum of methiocarb and methiocarb sulfoxide and sulfone, expressed as methiocarb.
Remark to Sum of cis- and trans-chlordane (F) (R): Chlordane (sum of cis- and trans-chlordane)
Remark to Sum oxydemeton-methyl, demeton-S-methyl-sulfon: Sum of oxydemeton-methyl and demeton-S-methylsulfone expressed as oxydemeton-methyl.
Remark to Sum parathion-methyl: Sum of Parathion-methyl and paraoxon-methyl expressed as Parathion-methyl.
Remark to Sum phorate: Sum of phorate, its oxygen analogue and their sulfones expressed as phorate.
Remark to Sum prochloraz: Sum of prochloraz and its metabolites containing the 2,4,6-Trichlorophenol moiety expressed as prochloraz.
Remark to Sum propachlor: Oxalinic derivate of propachlor, expressed as propachlor.
Remark to Sum propoxycarbazon: Propoxycarbazon, its salts and 2-hydroxypropoxycarbazon expressed as propoxycarbazon.
Remark to Sum quintozene and pentachloro-aniline: Sum of quintozene and pentachloro-aniline expressed as quintozene (F).
Remark to Sum tepraloxymid: Sum of tepraloxymid and its metabolites that can be hydrolysed either to the moiety 3-(tetrahydro-pyran-4-yl)-glutaric acid or to the moiety 3-hydroxy-(tetrahydro-pyran-4-yl)-glutaric acid, expressed as tepraloxymid. The sum parameter takes into account the active metabolites, which are detectable safely using the specified method. The actual content may be higher and can only be determined with a single method.
Remark to Sum tolylfluaniid: Sum of tolylfluaniid and dimethylaminosulfotoluidide expressed as tolylfluaniid (F) (R).
Remark to Sum triflumizole and FM 6-1: Triflumizole and metabolite FM-6-1(N-(4-chloro-2-trifluoromethylphenyl)-n-propoxyacetamide), expressed as Triflumizole (F).
Remark to Summe DDT: sum DDT (sum of p,p'-DDT, o,p'-DDT, p,p'-DDE and p,p'-TDE (DDD) expressed as DDT) (F).
Remark to Tralkoxydim: Sum of the constituent isomers of tralkoxydim.
Remark to Trinexapac: Sum of trinexapac (acid) and its salts, expressed as trinexapac.
Remark to chlorpyrifos: sum of chlorpyrifos-methyl and desmethyl chlorpyrifos-methyl (F)
Remark to hydrolysis-relevant substances without carrying out the hydrolysis module: The validated limit of quantification is 0,01 mg/kg. All data below this determination limit are to be interpreted as non-quantifiable traces. The actual content including the bound residues can only be determined via an additional hydrolysis step.
Remark to sum fenthion: Fenthion and its oxigen analogue, their sulfoxides and sulfone expressed as parent (F).
Remarks on 2-phenylphenol: 2- phenylphenol (sum of 2-phenylphenol and its conjugates, expressed as 2-phenylphenol) (R) (F) The sum parameter takes into account the active metabolites, which are detectable safely using the specified method. The actual content may be higher and can only be determined with a single method.

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