

AGROLAB LUFA Dr.-Hell-Str. 6, 24107 Kiel

Date 13.06.2024

REPORT

Order **3441422**
 Sample no. **353573**
 Sample acceptance **05.06.2024**
 Date of sampling **05.06.2024**
 Sample taker
 Customer sample description **Organic Hericium Powder**
 Packaging **1x aluminium bag, 400 g**
 LOT-No./Batch **LS23073105 /VÖ7037**
 Sample (location) **China**

Pesticides Multiresiduemethods (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.

Unit	Result Declaration	Uncertainty	Substance	Method
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Further sample data

Amount of sample received) g	555		OM	gravimetric method
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m) Due to matrix perturbation, the report limits have been increased.

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.

The calculation of the combined and expanded analytical measurement uncertainty mentioned in the present report is based on the GUM (Guide to the expression of uncertainty in measurement, BIPM, IEC, IFCC, ISO, IUPAC, IUPAP and OIML, 2008) and Nordtest Report (Handbook for calculation of measurement uncertainty in environmental laboratories (TR 537 (ed. 4) 2017). The coverage factor used is 2 for a 95% probability level (confidence interval).

Explanation: OM = on original matter; DM = on dry matter base

The sampling date is a customer information.

Remark to amount of sample received: Total amount including packaging

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REPORT

Order **3441422**

Sample no. **353573**

Remarks

Evaluation of the sample according to BNN (Bundesverband Naturkost Naturwaren e.V.):

(BNN orientation values for pesticides, Version: August 2012, last editorial modifications 22nd December 2021)
BNN adopted an orientation value for residues of plant protection products of 0.010 mg/kg on April, 3rd 2001.
No more than a total of two pesticides may be present as long as these are technically unavoidable contaminations and there are no other indications for violation of relevant organic farming legislation.
This applies only to substances with a residue level above or equal to 0.010 mg/kg (laboratory result without adjustment for analytical variance, if applicable corrected with a processing factor).
This orientation value applies to the original unprocessed product.

No pesticides above the limit of quantification were detected in the present sample.

A suspicion of a violation of organic farming regulations cannot be established.

Due to unknown processing factors, a final evaluation is only possible after examination of the raw material. For this reason, the otherwise presented schematic evaluation according to the guidelines for laboratory recognition of the BNN e.V. is also omitted.

Irregularities or infringements of the currently valid regulations and rules for organic farming can only be detected by the competent inspection bodies or authorities. Exceeding or failing to comply with the requirements of the BNN orientation value may give rise to a suspicion that the product concerned does not comply with Regulation (EU) No 2018/848. Article 1 of the Implementing Regulation (EU) 2021/279 shall be observed.

Marketability:

The named product corresponds to our opinion in type and extent of the carried out examinations to the legal requirement of the German food law.

Start of testing: 07.06.2024

End of testing: 13.06.2024

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. In accordance with our agreement in writing in the order confirmation, the results in this test report are in a simplified form in the context of DIN EN ISO/IEC 17025:2018, paragraph 7.8.1.3.

In conformity assessment, the economic approach is used as the decision rule (a non-conformity exists if the measurement result is included measurement uncertainty above the specification or standard), as long as nothing else has been determined by corresponding legal or normative bases.

AGROLAB LUFA Service-Team L1, Tel. 0431/1228-337

Group leader: Wiebke Stelter

Food chemist/counter-sampling expert

Dr.-Hell-Str. 6, 24107 Kiel, Germany
www.agrolab.de

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REPORT

Order **3441422**
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Active ingredient spectrum of multimethods

Method: calculated, Unit: mg/kg					
Parameter	Limit of quantification	Parameter	Limit of quantification	Parameter	Limit of quantification
Sum acibenzolar-S-methyl and acibenzolar acid (without hydrolysis)		Sum aldicarb/-sulfon/-sulfoxid		Sum aldrin, dieldrin	
Sum amitraz		Sum bentazone		Sum captan and Tetrahydrophthalimide (THPI)	
Sum carbofuran, 3-hydroxycarbofuran		Sum carboxin		Sum chloridazon	
Sum chlorpyrifos-methyl		Sum clethodim		Sum cycloxydim	
Sum DDT-isomers		Sum disulfoton		Sum endosulfan-alpha, -beta, -sulfat	
Sum ethofumesate		Sum fenamiphos, -sulphoxide, -sulphone		Sum fenchlorphos	
Sum fenthion		Sum fipronil, -sulfone (MB 46136)		Sum flonicamid	
Sum flufenacet		Sum heptachlor, heptachlorepoxyde		Sum Isoxaflutole	
Sum MCPA, MCPB (without hydrolysis)		Sum metazachlor		Sum methiocarb, -sulfone, -sulfoxide	
Sum of cis- and trans-chlordane (F) (R)		Sum of Folpet and Phthalimide		Sum of malathion and malaoxon	
Sum oxydemeton-methyl, demeton-S-methyl-sulfon		Sum Parathion-methyl		Sum Pencycuron	
Sum phorate		Sum prochloraz		Sum propachlor	
Sum propoxy carbazone		Sum pyrethrins		Sum pyridate (without hydrolysis)	
Sum quintozene and pentachloro-aniline		Sum Spinosad		Sum spirotetramat	
Sum tepraloxydim		Sum tolylfluanid		Sum triflumizole and FM 6-1	
1-naphthylacetamide and 1-naphthylacetic acid					
Method: EN 15662 : 2018-05 (mod.), Unit: mg/kg					
Parameter	Limit of quantification	Parameter	Limit of quantification	Parameter	Limit of quantification
Acephate	0,01	Acetamidprid	0,01	Acetochlor	0,01
Acibenzolaracid (free acid)	0,01	Acibenzolar-S-methyl (before hydrolysis)	0,01	Aclonifen	0,01
Acrinathrin and its enantiomer	0,01	Alachlor	0,01	Aldicarb	0,01
Aldicarb-sulfon	0,01	Aldicarb-sulfoxide	0,01	Aldrin	0,005
Ametoctradin	0,01	Ametryn	0,01	Aminocarb	0,01
Amisulbrom	0,01	Amitraz	0,01	Antraquinone	0,01
Atrazine	0,01	Azaconazole	0,01	Azadirachtin	0,01
Azinphos-ethyl	0,01	Azinphos-methyl	0,01	Azoxystrobin	0,01
Benalaxyl	0,01	Bendiocarb	0,01	Benfluralin	0,01
Bensulfuron-methyl	0,01	Bentazone	0,01	Benthiavalicarb-isopropyl	0,01
Benzovindiflupyr	0,01	Bifenazate	0,01	Bifenox	0,01
Bifenthrin	0,01	Biphenyl (Diphenyl)	0,01	Bitertanol	0,01
Bixafen	0,01	Boscalid	0,01	Bromacil	0,01
Bromocyclen	0,01	Bromophos-ethyl	0,01	Bromophos-methyl	0,01
Bromopropylate	0,01	Bromoxynil	0,01	Bromuconazole	0,01
Bupirimate	0,01	Buprofezin	0,01	Butafenacil	0,01
Butocarboxim	0,01	Butocarboxim-sulfoxide	0,01	Butoxycarboxim	0,01
Cadusafos	0,01	Captan	0,01	Carbaryl	0,01
Carbofuran	0,01	Carbophenothion	0,01	Carbophenothion-methyl	0,01
Carbosulfan	0,01	Carboxin	0,01	Carboxinsulfoxide	0,01
Chlorantraniliprol	0,01	Chlorbenside	0,01	Chlorbufam	0,01
Chlordane alpha	0,005	Chlordane gamma	0,005	Chlordane oxy	0,005
Chlorfenapyr	0,01	Chlorfenprop-methyl	0,01	Chlorfenson	0,01
Chlorfluazuron	0,01	Chlorflurenol	0,01	Chlorflurenol-methyl	0,01
Chloridazon	0,01	Chlorimuron-ethyl	0,01	Chlormephos	0,01
Chlorobenzilate	0,01	Chloroneb	0,01	Chlorotoluron	0,01
Chlorphenvinphos	0,01	Chlorpropham	0,01	Chlorpropylate	0,01
Chlorpyrifos	0,01	Chlorpyrifos-methyl	0,01	Chlorpyrifos-methyl-desmethyl	0,01
Chlorthal-dimethyl	0,01	Chlorthalonil	0,01	Chlorthion	0,01
Chlorthiophos	0,01	Chlozolinat	0,01	Cinerin I	0,01
Cinerin II	0,01	Cinosulfuron	0,01	Clethodim	0,01
Clethodimsulfon	0,01	Clethodimsulfoxide	0,01	Climbazole	0,01
Clodinafop	0,01	Clodinafop-propargyl	0,01	Clofentezin	0,01
Clomazone	0,01	Clopyralid	0,05	Cloquintocet-mexyl	0,01
Clothianidin	0,01	Coumaphos	0,01	Crimidine	0,01
Cyanazin	0,01	Cyanofenphos	0,01	Cyanophos	0,01
Cyantraniliprol	0,01	Cyazofamid	0,01	Cyclanilid	0,01
Cycloate	0,01	Cycloxydim	0,01	Cyflufenamid	0,01

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AG Kiel
HRB 5796
Ust./VAT-ID-Nr:
DE 813 356 511

Geschäftsführer
Wiebke Puschmann
Dr. Stephanie Nagorny
Dr. Paul Wimmer
Dr. Torsten Zurmühl



REPORT

Order **3441422**

Sample no. **353573**

Method: EN 15662 : 2018-05 (mod.), Unit: mg/kg

Parameter	Limit of quantification	Parameter	Limit of quantification	Parameter	Limit of quantification
Cyflumetofen	0,01	Cyfluthrin	0,01	Cyhalofop-butyl	0,01
Cymoxanil	0,01	Cypermethrin	0,01	Cyproconazole	0,01
Cyprodinil	0,01	Deltamethrin	0,01	Demeton-S-methyl	0,01
Demeton-S-methyl-sulfone	0,01	Desisopropylatrazine	0,01	Desmedipham	0,01
Desmetryn	0,01	Diazinon	0,01	Dichlobenil	0,01
Dichlofenthione	0,01	Dichlofluamid	0,01	Dichlorprop (free acid)	0,01
Dichlorvos	0,01	Diclobutrazole	0,01	Diclofop	0,01
Dicloran	0,01	Dicofol	0,01	Dicrotophos	0,01
Dieldrin	0,005	Diethofencarb	0,01	Diethyltoluamide (DEET)	0,01
Difenacoum	0,01	Difenoconazole	0,01	Diffubenzuron	0,01
Diflufenican	0,01	Dimethenamide	0,01	Dimethoate	0,01
Dimethomorph	0,01	Dimethylaminosulfotoluidide (DMST)	0,01	Dimoxystrobin	0,01
Diniconazole	0,01	Dinocap	0,01	Dinotefuran	0,01
Dinoterb (before hydrolysis)	0,01	Diphenamid	0,01	Diphenylamine	0,01
Dipropetryn	0,01	Disulfoton	0,01	Disulfoton-sulfone	0,01
Disulfoton-sulfoxide	0,01	Ditalimfos	0,01	Diuron	0,01
DMSA	0,01	Dodemorph	0,01	Dodin	0,01
Emamectin	0,01	Endosulfan alpha	0,005	Endosulfan beta	0,005
Endosulfansulfat	0,005	Endrin	0,005	Endrin Ketone	0,01
EPN	0,01	Epoxiconazole	0,01	EPTC	0,01
Etaconazole	0,01	Ethalfuralin	0,01	Ethiofencarb	0,01
Ethiofencarb-sulfon	0,01	Ethiofencarb-sulfoxide	0,01	Ethion	0,01
Ethiprole	0,01	Ethirimol	0,01	Ethofumesate	0,01
Ethofumesate-2-keto	0,05	Ethoprophos	0,01	Ethoxyquin	0,01
Etofenprox	0,01	Etoxadole	0,01	Etridiazole	0,01
Etrimfos	0,01	Famoxadone	0,01	Famphur	0,01
Fenamidone	0,01	Fenamiphos	0,01	Fenamiphos-sulfoxide	0,01
Fenamiphos-sulphone	0,01	Fenarimole	0,01	Fenazaquine	0,01
Fenbuconazole	0,01	Fenbutatin oxide	0,01	Fenchlorphos	0,01
Fenchlorphos-oxon	0,01	Fenfluthrin	0,01	Fenhexamid	0,01
Fenitrothion	0,01	Fenobucarb	0,01	Fenoxaprop	0,01
Fenoxycarb	0,01	Fenpiclonil	0,01	Fenpicoxamid	0,01
Fenpropathrine	0,01	Fenpropidin	0,01	Fenpropimorph	0,01
Fenpyrazamin	0,01	Fenpyroximate	0,01	Fenson	0,01
Fensulfothion	0,01	Fensulfothion-oxon	0,01	Fensulfothion-oxon-sulfon	0,01
Fensulfothion-sulfon	0,01	Fenthion	0,01	Fenthion-oxone	0,01
Fenthion-oxon-sulfon	0,01	Fenthionoxonsulfoxide	0,01	Fenthion-sulfon	0,01
Fenthion-sulfoxide	0,01	Fentin	0,01	Fenuron	0,01
Fenvalerate	0,01	Fipronil	0,002	Fipronil-sulfon	0,002
Fonicamid	0,01	Florpyrauxifen-benzyl	0,01	Fluazifop (free acid)	0,01
Fluazifop-butyle	0,01	Fluazinam	0,01	Flubendiamid	0,01
Fluchloralin	0,01	Flucythrinat	0,01	Fludioxonil	0,01
Flufenacet	0,01	Flufenacet ESA (ethansulfonic acid)	0,01	Flufenacet OA (Oxalamic Acid)	0,01
Flufenacet-alcohol	0,01	Flufenacet-thioglycolat-sulfoxid	0,01	Flufenoxuron	0,01
Flufenzin	0,01	Flumetralin	0,01	Flumioxazin	0,01
Fuometuron	0,01	Fluopicolide	0,01	Fluopyram	0,01
Fluoxastrobin	0,01	Flupyradifuron	0,01	Fluquinconazole	0,01
Flurochloridone	0,01	Fluroxypyr (free acid)	0,01	Flurprimidol	0,01
Flusilazole	0,01	Fluthiacet-methyl	0,01	Flutolanil	0,01
Flutriafol	0,01	Fluvalinat	0,01	Fluxapyroxad	0,01
FM 6-1	0,02	Folpet	0,01	Fonofos	0,01
Forchlorfenuron	0,01	Formetanate(hydrochloride)	0,01	Formothion	0,01
Fosthiazat	0,01	Fuberidazole	0,01	Furalaxyl	0,01
Furathiocarb	0,01	Genite	0,01	Halfenprox	0,01
Halofenozid	0,01	Haloxifop (free acid)	0,01	Haloxifop methyl	0,01
Haloxifop-ethoxy-ethyl	0,01	HCH-alpha	0,005	HCH-beta	0,005
HCH-delta	0,005	HCH-epsilon	0,005	HCH-gamma (Lindane)	0,005
Heptachlor	0,005	Heptachlorepoxyde-cis	0,005	Heptachlorepoxyde-trans	0,005
Heptenophos	0,01	Hexachlorobenzene	0,005	Hexaconazole	0,01
Hexaflumuron	0,01	Hexazinone	0,01	Hexythiazox	0,01
Icaridin (Picaridin)	0,01	Imazail	0,01	Imazamox	0,01
Imazapic	0,01	Imazapyr	0,01	Imazaquine	0,01
Imazethapyr	0,01	Imibenconazole	0,01	Imidacloprid	0,01
Indoxacarb	0,01	Iodofenphos	0,01	Iodosulfuron-methyl-sodium	0,01

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REPORT

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

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Method: EN 15662 : 2018-05 (mod.), Unit: mg/kg

Parameter	Limit of quantification	Parameter	Limit of quantification	Parameter	Limit of quantification
Quinalofop-ethyl	0,01	Resmethrine	0,01	Rotenone	0,01
RPA202248	0,01	RPA203328	0,01	Sedaxane	0,01
Sethoxydim	0,01	Silaffluofen	0,01	Silthiofam	0,01
Simazin	0,01	Spinetoram	0,01	Spinosyn A	0,01
Spinosyn D	0,01	Spiromesifen	0,01	Spirotetramat	0,01
Spirotetramat-enol	0,01	Spiroxamine	0,01	Sulfentrazone	0,01
Sulfotep	0,01	Sulfoxaflor	0,01	Sulprofos	0,01
Sum carbendazim/benomyl	0,01	Tebuconazole	0,01	Tebufenozide	0,01
Tebufenpyrad	0,01	Tecnazene	0,005	Teflubenzuron	0,01
Tefluthrine	0,01	Tembotrion	0,01	Tepraloxymid	0,01
Terbacil	0,01	Terbufos	0,01	Terbufos-sulfon	0,01
Terbufos-sulfoxide	0,01	Terbumeton	0,01	Terbutryne	0,01
Terbutylazin-desethyle	0,01	Terbutylazine	0,01	Tetrachlorvinphos	0,01
Tetraconazole	0,01	Tetradifon	0,005	Tetrahydrophthalimide (THPI)	0,01
Tetramethrine	0,01	Tetrasul	0,01	TFNA	0,01
TFNG	0,01	Thiabendazole	0,01	Thiacloprid	0,01
Thiamethoxam	0,01	Thiobencarb	0,01	Thiodicarb	0,01
Thiofanox-sulfoxide	0,01	Thiometon	0,01	Thiometon-sulfon	0,01
Thiometon-sulfoxide	0,01	Thiophanat-methyl	0,01	Tolclofos-methyl	0,01
Tolfenpyrad	0,01	Tolyfluanide	0,01	Trailkoxymid	0,01
Transfluthrine	0,01	Triadimefon	0,01	Triadimenol	0,01
Triallate	0,01	Triasulfuron	0,01	Triazamat	0,01
Triazophos	0,01	Trichlorfon	0,01	Trichloronate	0,01
Triclopyr	0,01	Tricyclazole	0,01	Tridemorph	0,01
Trifloxystrobin	0,01	Triflumizole	0,01	Triflurumuron	0,01
Trifluralin	0,01	Triflusalufuron-methyl	0,01	Triforine	0,01
Trinexapac	0,02	Trinexapac-ethyl	0,01	Triticonazole	0,01
Tritosulfuron	0,01	Uniconazole	0,01	Valifenalate	0,01
Vamidothion	0,01	Vinclozolin	0,01	Warfarin	0,01
Zoxamide	0,01	1-Naphthylacetic acid	0,05	1-Naphthylacetic amide	0,01
2-hydroxypropoxy-carbazone	0,01	2-Naphthoxyacetic acid	0,01	2-Phenylphenol	0,01
2,4-D (free acid)	0,01	2,4-DB (free acid)	0,01	2,4-Dimethylphenylformamide	0,01
2,4,5-T (free acid)	0,01	3-Hydroxy-Carbofuran	0,01	4-Chlorophenoxyacetic acid (4-CPA)	0,01
4,4'-Dibromobenzophenone	0,01	6-hydroxy-Bentazone	0,01	8-hydroxy-Bentazone	0,01

m) Due to matrix perturbation, the report limits have been increased.

Remark concerning Deltamethrin: Deltamethrin (cis-deltamethrin) (F)
 Remark to 1-Naphthylacetamide and 1-Naphthylacetic acid: Sum of 1-Naphthylacetamide and 1-Naphthylacetic acid and its Salts, expressed as 1-Naphthylacetic acid.
 Remark to Benalaxyl: Benalaxyl including other mixtures of constituent isomers including benalaxyl-M (sum of isomers).
 Remark to Benthialicarb-isopropyl: Benthialicarb-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 benthialicarb-isopropyl (A). 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 Bifenthrin: Sum of isomers (F).
 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 Dichlorprop: Dichlorprop (Sum of Dichlorprop (including Dichlorprop-P), its Salts, Esters and Conjugates, expressed as Dichlorprop) @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 Diclofop: Sum diclofop-methyl and diclofop acid expressed as diclofop-methyl. 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 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. 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

REPORT

Order **3441422**

Sample no. **353573**

is performed by hydrolysis

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 Fentin: Fentin including its salts, expressed as triphenyltin cation) (F).

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

Remark to Fluoxastrobin: Fluoxastrobin (sum of Fluoxastrobin and its Z-isomer) (R)

Remark to Flurochloridone: Flurochloridone (Sum of cis- and trans- Isomers) (F)

Remark to Fluvalinate: Fluvalinate (sum of isomers) as result of usage of tau-fluvalinate (F)

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

Remark to HCH-alpha: Hexachlorocyclohexane (HCH), alpha-isomer (F).

Remark to HCH-beta: Hexachlorocyclohexane (HCH), beta-isomer (F).

Remark to HCH-gamma (Lindane): Lindane (Gamma-isomer of hexachlorocyclohexane (HCH)) (F).

Remark to Haloxyfop-ethoxy-ethyl: 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 Imazalil: Imazalil (any ratio of constituent isomers) (R)

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

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

Remark to Iodosulfuron-methyl-sodium: Sum of idosulfuron-methyl and its salts, expressed as idosulfuron-methyl.

Remark to Lambda-cyhalotrin: Lambda-Cyhalothrin including other mixed isomer components (sum of isomers)

Remark to Mandipropamid: Mandipropamid (any ratio of constituent isomers)

Remark to Mecoprop: Sum of mecoprop-p and mecoprop expressed as mecoprop.

Remark to Metaflumizon: 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 Metconazol: Sum of isomers (F).

Remark to Metobromuron: Sum of metobromuron and 4-bromophenylurea, expressed as metobromuron. 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 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 Paclobutrazol: Sum of the isomers.

Remark to Penconazol: Penconazol (Sum of isomers) (F)

Remark to Pencycuron: Pencycuron (sum of pencycuron and pencycuron-PB-amine, expressed as pencycuron) (R) (F) (A).

Remark to Permethrin: Sum of isomers (F).

Remark to Propamocarb: Propamocarb (Sum of propamocarb and its salts, expressed as propamocarb). 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 Propiconazol: Sum of the isomers (F).

Remark to Prothioconazole (Prothioconazole-desthio): Prothioconazole-desthio (sum of isomers) (F).

Remark to Quinmerac: Quinmerac (sum of quinmerac and its metabolites BH 518-2 and BH 518-4 expressed as quinmerac) (R) The 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 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 Pyridate: 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 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.

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REPORT

Order **3441422**
Sample no. **353573**

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 bifenazate: Sum of bifenazate plus bifenazate-diazene expressed as bifenazate (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.
 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 phthalimide: Sum of folpet and phthalimide, expressed as folpet (R).
 Remark to Sum heptachlor, heptachlorepoxyde: Sum of heptachlor and heptachlor epoxide expressed as heptachlor (F).
 Remark to Sum malathion and malaaxon: Sum of malathion and malaaxon 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 quintozone and pentachloro-aniline: Sum of quintozone and pentachloro-aniline expressed as quintozone (F).
 Remark to Sum tepraloxydim: Sum of tepraloxydim 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 tepraloxydim. 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 tolylfluanid: Sum of tolylfluanid and dimethylaminosulfotoluidide expressed as tolylfluanid (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 Trinexapac: 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 meptyldinocap: Sum of meptyldinocap and meptyldinocap phenol (2,4-DNMHP) expressed as meptyldinocap (F). 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 sum fenthion: Fenthion and its oxigen analogue, their sulfoxides and sulfone expressed as parent (F).

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Date

13.06.2024

REPORT

Order **3441422**

Sample no. **353573**

Remark to triadimenol: triadimenol (any ratio of the isomer components)

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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