

Analytical Test Report

Report no.: 128103-1
Date of report: 2 Mar 2022
This report replaces: None

Client details

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cc: Tulbach
cc: 6820

Sample details

Sample No: 128103 **Sample type:** Grapes
Exporter: EXSA **Cultivar:** Sweet globe
Official Sample No: SAM1571754 **Inspection point:** 8004
PUC code: H0116 **Sample Reference:**
Producer: Werda **Destination:** EUN
Structure code: 37 **Date sample drawn:** 23 Feb 2022
Consignment note: EX10000255 **Date sample received:** 25 Feb 2022

Description of analysis performed

<u>Analysis description</u>	<u>Analysis technique</u>	<u>Date of analysis</u>
GC Multi-residue Pesticide Test	GC/MS multi-residue analysis (GC-01)	28 Feb 2022
LC Multi-residue Pesticide Test	LC/MSMS multi-residue analysis (LC-01)	1 Mar 2022

Summary of results

Analyte	LOQ (mg/kg)	Result (mg/kg)
Boscalid	0.005	0.011
Fenhexamid	0.005	0.027
Fluopyram	0.005	0.062
Imidacloprid	0.005	0.0056

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Analytes covered by respective techniques

GC/MS multi-residue analysis (GC-01)

Analyte	LOQ (mg/kg)	Analyte	LOQ (mg/kg)
2,4'-DDE	0.010	2,4'-DDT	0.010
2-Phenylphenol	0.010	4,4'-DDE	0.010
4,4'-DDT	0.010	Acrinathrin	0.010
Alachlor	0.010	Aldrin	0.010
Ametryn	0.010	Atrazine	0.010
Azinphos-ethyl	0.010	Bifenthrin	0.010
Bromophos-methyl	0.010	Bromopropylate	0.010
Captan	0.020	Carbosulfan	0.050
Chlordane	0.010	Chlorfenapyr	0.010
Chlorothalonil	0.010	Chlorpyrifos	0.005
Chlorthal-dimethyl	0.010	Coumaphos	0.010
Cyfluthrin	0.020	Cyhalothrin-lambda	0.010
Cypermethrin (sum of isomers)	0.020	Deltamethrin	0.020
Dichloran	0.020	Dieldrin	0.010
Esfenvalerate	0.020	Etaconazole	0.010
Etofenprox	0.010	Fenvalerate	0.020
Flumioxazin	0.010	Flurochloridone	0.010
Folpet	0.010	Oryzalin	0.050
Oxyfluorfen	0.010	Parathion	0.020
Parathion-methyl	0.050	Permethrin (sum of isomers)	0.010
Procymidone	0.010	Prothiophos	0.010
Pyrethrins	0.010	Quintozene	0.010
Tau-fluvalinate	0.005	Terbutylazine	0.010
Tetradifon	0.010	Trifluralin	0.010
Valifenalate	0.010	Vinclozolin	0.010

LC/MSMS multi-residue analysis (LC-01)

Analyte	LOQ (mg/kg)	Analyte	LOQ (mg/kg)
1-Naphtylacetamide	0.005	Abamectin B1a	0.005
Acetamiprid	0.005	Acetochlor	0.005
Acibenzolar-S-methyl	0.005	Aldicarb	0.005
Aldicarb sulfone	0.005	Aldicarb sulfoxide	0.005
Ametoctradin	0.005	Amitraz	0.005
Azadirachtin	0.005	Azinphos-methyl	0.005
Azoxystrobin	0.005	BAC-10	0.050
BAC-12	0.050	BAC-14	0.005
BAC-8	0.050	Benthiavalicarb	0.005
Bitertanol	0.005	Boscalid	0.005
Bupirimate	0.005	Buprofezin	0.005
Cadusafos	0.005	Carbaryl	0.005
Carbendazim	0.005	Chinomethionate	0.005
Chlorantraniliprole	0.005	Chlorpyrifos	0.005
Clofentazin	0.010	Clothianidin	0.005
Cymoxanil	0.005	Cyprodinil	0.005
Demeton-S-methyl	0.005	Demeton-S-methyl sulfone	0.005
Diazinon	0.005	Dichlorprop	0.005
Dichlorvos	0.005	Didecyldimethylammonium chloride	0.050
Difenoconazole	0.005	Diflubenzuron	0.005
Dimethoate	0.005	Dimethomorph	0.005
Diphenylamine	0.005	Dodine	0.005
Emamectin Benzoate	0.005	Ethoprophos	0.005
Etoxazole	0.005	Famoxadone	0.005



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<u>Analyte</u>	<u>LOQ (mg/kg)</u>	<u>Analyte</u>	<u>LOQ (mg/kg)</u>
Fenamidone	0.005	Fenamiphos	0.005
Fenarimol	0.005	Fenazaquin	0.005
Fenbuconazole	0.005	Fenbutatin Oxide	0.005
Fenhexamid	0.005	Fenoxycarb	0.005
Fenpropathrin	0.005	Fenpyroximate	0.005
Fenthion	0.005	Fipronil	0.005
Fludioxonil	0.005	Flufenoxuron	0.005
Flupicolide	0.005	Fluopyram	0.005
Flupyradifurone	0.005	Flusilazole	0.005
Flutriafol	0.005	Fluxapyroxad	0.005
Forchlorfenuron	0.005	Formetanate	0.005
Fosthiazate	0.005	Haloxypop-R-methyl	0.005
Hexaconazole	0.005	Imazalil (Chloramizol)	0.005
Imidacloprid	0.005	Indoxacarb	0.005
Iprodione	0.005	Iprovalicarb	0.005
Isazophos	0.005	Isofenphos	0.005
Kresoxim-methyl	0.005	Lufenuron	0.005
Mandipropamid	0.005	Mercaptothion/Malathion	0.005
Metalaxyl	0.005	Methamidophos	0.005
Methidathion	0.005	Methiocarb	0.005
Methomyl	0.005	Methoxyfenozide	0.005
Metrafenone	0.005	Mevinphos	0.005
Monocrotophos	0.005	Myclobutanil	0.005
Omethoate	0.005	Oxamyl	0.005
Oxydemeton-Methyl	0.005	Paclobutrazol	0.005
Penconazole	0.005	Phenthoate	0.005
Phosmet	0.005	Phoxim	0.005
Piperonyl Butoxide	0.005	Pirimicarb	0.005
Pirimiphos methyl	0.005	Prochloraz	0.005
Profenofos	0.005	Propamocarb	0.005
Propargite	0.005	Propiconazole	0.005
Proquinazid	0.005	Pymetrozin	0.005
Pyraclostrobin	0.005	Pyrimethanil	0.005
Pyriproxyfen	0.005	Quinoxifen	0.005
Simazine	0.005	Spinetoram	0.005
Spinosad	0.005	Spirodiclofen	0.005
Spirotetramat	0.005	Spiroxamine	0.005
Sulfoxaflor	0.005	Tau-fluvalinate	0.005
Tebuconazole	0.005	Teflubenzuron	0.005
Temephos	0.005	Terbufos	0.010
Tetraconazole	0.005	Thiabendazole	0.005
Thiacloprid	0.005	Thiamethoxam	0.005
Thidiazuron	0.005	Thiophanate-Methyl	0.005
Triadimenol	0.005	Triazophos	0.005
Trichlorfon	0.005	Triclopyr	0.010
Trifloxystrobin	0.005	Triflumuron	0.005
Triforin	0.005	Zoxamide	0.005

No MRL means no MRL has been defined for this active in the relevant jurisdiction.
 LOQ means limit of quantification.



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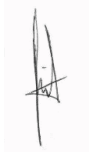
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- Analysis methods marked with an asterisk (*) are not covered under the laboratory's scope of accreditation.
 - The sample information referred to in this report were provided to us by our client and have not been verified by Hortec.
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 - Further information about analytical methods used, LOQs and MRLs is available on request from Hortec.

Report authorised for release by



Wessel Kriek
Technical Signatory
Hortec (Pty) Ltd

Date: 2 March 2022