

## Analytical Test Report

Report no.: 78451-1

Date of report: 25 Feb 2020

This report replaces: None

### Client details

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### Sample details

Sample No: 78451  
Exporter: EXSA  
Official Sample No: SAM1452928  
PUC code: H0116  
Producer: Werda  
Structure code: 37  
Consignment note: EX10000072

Sample type: Grapes  
Cultivar: Sweet Sapphire  
Inspection point: 8004  
Destination: UKI  
Date sample drawn: 18 Feb 2020  
Date sample received: 19 Feb 2020

### Description of analysis performed

<u>Analysis description</u>	<u>Analysis technique</u>	<u>Date of analysis</u>
Ethephon	LC/MSMS target analysis (LC-01)	21 Feb 2020
GC Multi-residue Pesticide Test	GC/MS multi-residue analysis (GC-01)	21 Feb 2020
LC Multi-residue Pesticide Test	LC/MSMS multi-residue analysis (LC-01)	21 Feb 2020

### Summary of results

Analyte	LOQ (mg/kg)	Result (mg/kg)
Fluopyram	0.005	0.059
Ethephon	0.010	0.028

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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
Aldrin	0.010	Azinphos-ethyl	0.010
Bifenthrin	0.010	Bromophos-methyl	0.010
Bromopropylate	0.010	Captan	0.020
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	Folpet	0.010
Oxyfluorfen	0.010	Parathion	0.020
Parathion-methyl	0.050	Permethrin (sum of isomers)	0.010
Procymidone	0.010	Prothiophos	0.010
Tau-fluvalinate	0.005	Tetradifon	0.010
Trifluralin	0.010	Vinclozolin	0.010

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

Analyte	LOQ (mg/kg)	Analyte	LOQ (mg/kg)
Abamectin B1a	0.005	Acetamiprid	0.005
Acetochlor	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
Clothianidin	0.005	Cymoxanil	0.005
Cyprodinil	0.005	Demeton-S-methyl	0.005
Demeton-S-methyl sulfone	0.005	Dichlorprop	0.005
Dichlorvos	0.005	Didecyldimethylammonium chloride	0.050
Difenoconazole	0.005	Dimethoate	0.005
Dimethomorph	0.005	Diphenylamine	0.005
Dodine	0.005	Emamectin Benzoate	0.005
Ethoprophos	0.005	Etoazole	0.005
Famoxadone	0.005	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

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<u>Analyte</u>	<u>LOQ (mg/kg)</u>	<u>Analyte</u>	<u>LOQ (mg/kg)</u>
Fipronil	0.005	Fludioxonil	0.005
Flufenoxuron	0.005	Fluopicolide	0.005
Fluopyram	0.005	Flusilazole	0.005
Flutriafol	0.005	Fluxapyroxad	0.005
Forchlorfenuron	0.005	Formetanate	0.005
Fosthiazate	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
Quinoxyfen	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
Zoxamide	0.005		

*LC/MSMS target analysis (LC-01)*

<u>Analyte</u>	<u>LOQ (mg/kg)</u>	<u>Analyte</u>	<u>LOQ (mg/kg)</u>
Ethephon	0.010		

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

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- Declaration**
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**Report authorised for release by**



Wessel Kriek  
Technical Signatory  
Hortec (Pty) Ltd

Date: 25 February 2020