

Hearshaw and Kinnes Analytical Laboratory (Pty) Ltd.



Lab No. T0232

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Test Report

Werda Boerdery
P.O. Box 5298
Worcester
6851

Report Reference: 186196
14/01/2020

Attention: Pieter Conradie

Customer Reference:

Report on one sample(s) sent for pesticide residue analysis, received on 13/01/2020

This report is issued in accordance with the requirements of ISO/IEC 17025. Samples were analysed in accordance with analytical method(s) FF01/FF02/LCMS.

Analysis started: 13/01/2020

MRL: European Union

All samples were received in a condition adequate for testing.

Results Summary

Internal Reference: 20046146

Sample Description

Producer	Werda
Producer Code	H0116
Orchard	1
Date	13/01/2020
Commodity	Grape
Cultivar	Sweet Globe

<i>Pesticide(s) Detected</i>	<i>Residue</i>		<i>MRL</i>
Boscalid	0.032	mg/kg	5.0 mg/kg
Penconazole	0.038	mg/kg	0.5 mg/kg
Sulfoxaflor	0.013	mg/kg	2.0 mg/kg

This report applies only to the samples analysed.

Technical Signatory

This report is an electronic copy of the report available in our laboratory and does not require signature.

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The results on this report apply to the samples(s) as received.

While all reasonable care has been taken in checking and updating the MRL information on this report, Hearshaw and Kinnes Analytical Laboratory (Pty) Ltd. accepts no responsibility for the accuracy, reliability or completeness of the information provided.

The expanded uncertainty of measurement of the results on this report are < 50% at the 95% confidence level with a coverage factor of 2, in accordance with SANTE/11813/2017, paragraph E10, Revision 0, 2017

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The following compounds were sought, but not detected above their reporting limits [mg/kg], for the sample(s) on report 186196, unless specified in the body of the report.

FF01 (GC-ECD)

Captab	0.1	Folpet	0.1
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LCMS (LC-MSMS)

2,4D (Free Acid)	0.01	Abamectin	0.01	Acephate	0.01
Acetamiprid	0.01	Acetochlor	0.01	Acibenzolar-S-Methyl	0.01
Aldicarb	0.01	Aldicarb Sulphone (Aldoxycarb)	0.01	Aldicarb Sulphoxide	0.01
Ametoctradin	0.01	Ametryn	0.01	Atrazine	0.01
Azadirachtin	0.01	Benalaxyl	0.01	Benomyl (see Carbendazim)	0.01
Bentazone	0.01	Benthiavalcib-isopropyl	0.01	Benzalkonium chloride (mixture of alkylbenzyltrimethylammonium chlorides with alkyl chain lengths of C10, C12, C14 and C16)	0.05
Bifenazate	0.01	Bitertanol	0.01	Bromoxynil	0.01
Bromuconazole (sum of diastereoisomers)	0.01	Buprofezin	0.01	Cadusafos	0.01
Carbaryl	0.01	Carbendazim and benomyl (sum of benomyl and carbendazim expressed as carbendazim)	0.01	Carbofuran	0.01
Chloramizol (Imazalil)	0.01	Chlorantraniliprole	0.01	Chlorsulfuron	0.01
Clethodim	0.01	Clofentezine	0.01	Cloprop	0.01
Clothianidin	0.01	Cyanazine	0.01	Cyantraniliprole	0.01
Cycloxydim	0.01	Cyflufenamid	0.01	Cyhexatin	0.01
Cymoxanil	0.01	Cyprodinil	0.01	Cyromazine	0.01
Demeton-S-Methyl	0.01	Demeton-S-methyl Sulphone	0.01	Demeton-S-Methyl-Sulfoxide	0.01
Diafenthiuron	0.01	Diazinon	0.01	Dichlorprop (Free Acid) (including Dichlorprop-P)	0.01
Dichlorvos	0.01	Diclosulam	0.01	Didecyltrimethylammonium Chloride	0.02
Diethyltoluamide	0.01	Difenoconazole	0.01	Diflubenzuron	0.01
Diflufenican	0.01	Dimethoate	0.01	Dimethomorph	0.01
Dioxacarb	0.01	Diuron	0.01	Dodine	0.01
Emamectin	0.01	Epoxiconazole	0.01	Etoxazole	0.01
Fenamidon	0.01	Fenamiphos	0.01	Fenazaquin	0.01
Fenbuconazole	0.01	Fenbutatin-Oxide	0.01	Fenhexamid	0.01
Fenoxycarb	0.05	Fenpyroximate	0.01	Fentin Hydroxide	0.01
Fipronil (sum fipronil + sulfone metabolite (MB46136) expressed as fipronil) (F)	0.005	Fipronil sulfone	0.01	Fonicamid (Sum of Fonicamid & Fonicamid TFNA & Fonicamid TFNG)	0.01
Fluazifop-P-Butyl	0.01	Fluazinam	0.01	Flubendiamide	0.01
Fludioxonil	0.01	Flufenoxuron	0.01	Flumetsulam	0.01
Fluopicolide	0.01	Fluopyram	0.01	Fluquinconazole	0.01

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LCMS (LC-MSMS)

Flusilazole	0.01	Flutriafol	0.01	Fluxapyroxad	0.01
Fomesafen	0.01	Formetanate	0.01	Haloxypol methyl	0.01
Imazapyr	0.01	Imazethapyr	0.01	Imidacloprid	0.01
Indoxacarb	0.01	Iprovalicarb	0.01	Linuron	0.01
Lufenuron	0.01	Malaoxon	0.01	Mandipropamid	0.01
MCPA	0.01	Mefenoxam (Metalaxyl)	0.01	Mesotrione	0.01
Methamidophos	0.01	Methiocarb (Sum of Methiocarb, its sulphone & sulphoxide)	0.01	Methiocarb sulfoxide	0.01
Methiocarb-sulfone	0.01	Methomyl	0.01	Methoxyfenocide	0.01
Mevinphos	0.01	Monocrotophos	0.01	Novaluron	0.01
Omethoate	0.01	Oryzalin	0.01	Oxamyl (sum of oxamyl and its oxime expressed as oxamyl)	0.01
Oxamyl-oxime	0.01	Oxydemeton-methyl	0.01	Paclobutrazole	0.01
Penthiopyrad	0.01	Phosalone	0.01	Phoxim	0.01
Piperonyl Butoxide	0.01	Pirimicarb	0.01	Prochloraz	0.01
Prometryn	0.01	Propamocarb	0.01	Propaquizafop	0.01
Propargite	0.01	Prosulfocarb	0.01	Prothioconazole	0.01
Pymetrozine	0.01	Pyraclostrobin	0.01	Pyridaben	0.01
Pyridate	0.01	Pyrimethanil	0.01	Pyriproxyfen	0.01
Rimsulfuron	0.01	Simazine	0.01	Spinetoram	0.01
Spinosad	0.01	Spirodiclofen	0.01	Spiromesifen	0.01
Spirotetramat (BYI08330-enol, BYI08330-enol-glucoside), expressed as Spirotetramat	0.01	Spiroxamine	0.01	Sulfoxaflor	0.01
Tebuconazole	0.01	Tebufenozide	0.01	Tebuthiuron	0.01
Teflubenzuron	0.01	Temephos	0.01	Terbutylazine	0.01
Tetrachlorvinphos	0.01	Thiabendazole	0.01	Thiacloprid	0.01
Thiadiazuron	0.01	Thiamethoxam (Sum of thiamethoxam and clothianidin, expressed as thiamethoxam)	0.01	Thiophanate-methyl	0.01
Triadimefon	0.02	Triadimenol	0.02	Trichlorfon	0.01
Trifloxystrobin	0.01	Triflumuron	0.01	Triforine	0.01
Triticonazole	0.01	Valifenalate	0.01	Vamidothion	0.01

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FF02

2,4-DDE	0.01	2,4-DDT	0.01	4,4-DDE	0.01
4,4-DDT	0.01	Acrinathrin	0.01	Alachlor	0.01
Aldrin	0.01	Allethrin	0.01	Azaconazole	0.01
Azinphos-ethyl	0.01	Azinphos-methyl	0.01	Azoxystrobin	0.01
Bendiocarb	0.01	Bifenthrin (sum of isomers)	0.01	Boscalid	0.01
Bromophos-Ethyl	0.01	Bromophos-Methyl	0.01	Bromopropylate	0.01
Bupirimate	0.01	Carbophenothion	0.01	Chinomethionate	0.01
Chlordane Alpha	0.01	Chlordane Gamma	0.01	Chlorfenvinphos	0.01
Chlorothalonil	0.01	Chlorphenapyr	0.01	Chlorpyrifos	0.01
Chlorpyrifos-methyl	0.01	Chlorthal-dimethyl	0.01	Clomazone	0.01
Coumaphos	0.01	Cycloate	0.01	Cyfluthrin (cyfluthrin including other mixtures of constituent isomers (sum of isomers))	0.01
Cypermethrin (cypermethrin including other mixtures of constituent isomers (sum of isomers))	0.01	Cyproconazole	0.01	Deltamethrin	0.01
Desmetryne	0.01	Dichlofluanid	0.01	Diclofop-methyl	0.01
Dicloran	0.01	Dieldrin	0.01	Dinobuton	0.01
Diofenolan	0.01	Diphenylamine	0.01	Endosulfan (Sum of alpha, beta endosulfan and endosulfan sulphate)	0.01
EPN	0.01	Etaconazole	0.01	Ethion	0.01
Ethoprophos	0.01	* Ethoxyquin	0.05	Etofenprox	0.01
Famoxadone	0.01	Fenarimol	0.01	Fenitrothion	0.01
Fenoxaprop-P-ethyl	0.01	Fenpropathrin	0.01	Fenthion	0.01
Fenvalerate (Sum of isomers, including esfenvalerate)	0.01	Flamprop-methyl	0.01	Fluorochloridone	0.01
Gamma HCH (Lindane)	0.01	Heptachlor	0.01	Hexaconazole	0.01
Iprodione	0.01	Isofenphos	0.01	Kresoxim-methyl	0.01
Lambda-Cyhalothrin	0.01	Mercaptothion	0.01	Metazachlor	0.01
Methidathion	0.01	Metolachlor	0.01	Metrafenone	0.01
Metribuzin	0.01	Myclobutanil	0.01	Nitrothal-isopropyl	0.01
Nuarimol	0.01	Ofurace	0.01	Ortho Phenyl Phenol (2-Phenylphenol)	0.01
Oxadixyl	0.01	Parathion-ethyl	0.01	Parathion-methyl	0.01
Penconazole	0.01	Pendimethalin	0.01	Pentachloroaniline	0.01
Permethrin (sum of isomers)	0.01	Phenthoate	0.01	Phorate	0.01
Phosmet	0.01	Picoxystrobin	0.01	Procymidone	0.01
Profenofos	0.01	Promecarb	0.01	Propiconazole (sum of isomers)	0.01
Propyzamide	0.01	Proquinazid	0.01	Prothiofos	0.01
Pyraflufen-ethyl	0.01	Quinoxifen	0.01	Sulfentrazone	0.01
tau-Fluvalinate	0.01	Terbufos	0.01	Tetraconazole	0.01
Tetradifon	0.01	Triazophos	0.01	Trifluralin	0.01

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FF02

Uniconazole

0.01 Vinclozolin

0.01 Zoxamide

0.01

* Indicates that this determination is not included in the scope of accreditation for the laboratory

***** End of Report *****