



Health Research Institute

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COA6V1.1 Certificate of Analysis			
Client Details:	Zen Honeycutt / Moms Across America	Sample Receipt Date:	20240228
	zenhoneycutt@gmail.com	Test Date:	20240301
		LC-MS/MS Analysis Date	20240301
Sample Size (g or L):	428 grams pack	Report Date:	20240306

Sample ID Number	Sample Description	Lot Number	Pesticide residues Conc. (ng/g) in
S11425	Trix Loaded with Vanilla Creme Filling	CE085703, 24 SEP2024	Please refer in CoA Page 2
S11428	Trix Loaded with Vanilla Creme Filling	CE185003, 16 NOV 2024	Please refer in CoA Page 2
Details on Following Page			

1. Multi-Analyst, Multi-Matrix Performance of the QuEChERS Approach for Pesticide Residues in Foods and Feeds Using HPLC/MS/MS Analysis with Different Calibration Techniques. Lehotay et al., Journal of AOAC International 93 355-367 (2010). Our method's limit of quantitation (LOQ) is 1.10 ng/g for all the pesticide residues.

2. Validation of a Multi-Residue Analysis Method for 287 Pesticides in Citrus Fruits Mandarin Orange and Grapefruit Using Liquid Chromatography–Tandem Mass Spectrometry. Xiu Yuan, Chang Jo Kim et al., Foods 2022, 11, 3522.
<https://doi.org/10.3390/foods11213522>. <https://www.mdpi.com/journal/foods>

3. FAO Corporate Document Repository. "Residue and Analytical Aspects." Pesticide residues in Food-2005. Agriculture and Consumer Protection.

Analysed and Reported on Behalf of Health Research Institute by

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ISO/IEC 17025:2017
Accreditation # 92657
CA STATE ID: 800766

ISO 17025
ACCREDITED LABORATORY



Accreditation #92657

Released on Behalf of Health Research Institute by

John Fagan

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ISO 17025
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Accreditation #92657

Form No.: FM-024	Issue Date: 09/29/2023	LF-Rev: 09/29/2025
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	Pesticide residues Conc. in Test	
Pesticide residue name	S11425	S11428
(Monceren) Pencycuron	ND	ND
3-Hydroxycarbofuran	ND	ND
Acephate	ND	ND
Acetamiprid	ND	ND
Acibenzolar-S-methyl	ND	ND
Alanycarb	ND	ND
Aldicarb sulfone	ND	ND
Aldicarb sulfoxide	ND	ND
Aldicarb	ND	ND
Ametryn	ND	ND
Aminocarb	ND	ND
Amitraz	ND	ND
Avermectin B1a	ND	ND
Avermectin B1b	ND	ND
Azoxystrobin	ND	ND
Benalaxyl	ND	ND
Bendiocarb	ND	ND
Benfuracarb	ND	ND
Benzoximate	ND	ND
Bifenazate	ND	ND
Bitertanol	ND	ND
Boscalid	ND	ND
Bromucanazole Isomer	ND	ND
Bupirimate	ND	ND
Buprofezin	ND	ND
Butafenacil	ND	ND
Butocarboxim	ND	ND
Butoxycarboxim	ND	ND
Carbaryl	ND	ND
Carbendazim	ND	ND
Carbetamide	ND	ND
Carbofuran	ND	ND
Carboxin	ND	ND
Carfentrazone-ethyl	ND	ND
Chlorantraniliprole	ND	ND
Chlorfluazuron	ND	ND
Chlorotoluron	ND	ND
Chloroxuron	ND	ND
Clethodim Isomer	ND	ND

	Pesticide residues Conc. in Test	
Pesticide residue name	S11425	S11428
Clofentezine	ND	ND
Clothianidin	ND	ND
Cyazofamid	ND	ND
Cycluron	ND	ND
Cymoxanil	ND	ND
Cyproconazole Isomer	ND	ND
Cyprodinil	ND	ND
Cyromazine	ND	ND
Desmedipham	ND	ND
Diclobutrazol	ND	ND
Dicrotophos	ND	ND
Diethofencarb	ND	ND
Difenoconazole Isomer	ND	ND
Diflubenzuron	ND	ND
Dimethoate	ND	ND
Dimethomorph Isomer	ND	ND
Dimoxystrobin	ND	ND
Diniconazole	ND	ND
Dinotefuran	ND	ND
Dioxacarb	ND	ND
Diuron	ND	ND
Doramectin	ND	ND
Emamectin-benzoate b1a	ND	ND
Emamectin-benzoate b1b	ND	ND
Epoxiconazole	ND	ND
Eprinomectin	ND	ND
Etaconazole Isomer	ND	ND
Ethiofencarb	ND	ND
Ethiprole	ND	ND
Ethirimol	ND	ND
Ethofumesate	ND	ND
Etoxazole	ND	ND
Famoxadone	ND	ND
Fenamidone	ND	ND
Fenarimol	ND	ND
Fenazaquin	ND	ND
Fenbuconazole	ND	ND
Fenhexamid	ND	ND
Fenobucarb	ND	ND
Fenoxycarb	ND	ND
Fenpropimorph	ND	ND
Fenpyroximate	ND	ND
Fenuron	ND	ND
Fipronil	ND	ND
Flonicamid	ND	ND
Flubendiamide	ND	ND

	Pesticide residues Conc. in Test	
Pesticide residue name	S11425	S11428
Fludioxinil	ND	ND
Flufenacet	ND	ND
Flufenoxuron	ND	ND
Fluometuron	ND	ND
Fluoxastrobin	ND	ND
Fluquinconazole	ND	ND
Flusilazole	ND	ND
Flutolanil	ND	ND
Flutriafol	ND	ND
Forchlorfenuron	ND	ND
Formetanate HCl	ND	ND
Fuberidazole	ND	ND
Furalaxyl	ND	ND
Furathiocarb	ND	ND
Halofenozide	ND	ND
Hexaconazole	ND	ND
Hexaflumuron	ND	ND
Hexythiazox	ND	ND
Hydramethylnon	ND	ND
Imazalil	Trace	Trace
Imidacloprid	ND	ND
Indoxacarb	ND	ND
Ipconazole Isomer	ND	ND
Iprovalicarb Isomer	ND	ND
Isocarbophos	ND	ND
Isoprocarb	ND	ND
Isoproturon	ND	ND
Ivermectin	ND	ND
Kresoxim-methyl	ND	ND
Linuron	ND	ND
Lufenuron	ND	ND
Mandipropamid	ND	ND
Mefenacet	ND	ND
Mepanipyrim	ND	ND
Mepronil	ND	ND
Mesotrione	ND	ND
Metaflumizone	ND	ND
Metalaxyl	ND	ND
Metconazole	Trace	Trace
Methabenzthiazuron	ND	ND
Methamidophos	ND	ND
Methiocarb	ND	ND
Methomyl	ND	ND
Methoprotryne	ND	ND
Methoxyfenozide	ND	ND
Metobromuron	ND	ND

	Pesticide residues Conc. in Test	
Pesticide residue name	S11425	S11428
Metribuzin	ND	ND
Mevinphos Isomer	ND	ND
Mexacarbate	ND	ND
Monocrotophos	ND	ND
Monolinuron	ND	ND
Moxidectin	ND	ND
Myclobutanil	ND	ND
Neburon	ND	ND
Nitenpyram	ND	ND
Novaluron	ND	ND
Nuarimol	ND	ND
Omethoate	ND	ND
Oxadixyl	ND	ND
Oxamyl	ND	ND
Paclobutrazol	ND	ND
Penconazole	ND	ND
Phenmedipham	ND	ND
Picoxystrobin	ND	ND
Piperonyl butoxide	1.155	1.235
Pirimicarb	ND	ND
Prochloraz	ND	ND
Promecarb	ND	ND
Prometon	ND	ND
Prometryne	ND	ND
Propamocarb	ND	ND
Propargite	ND	ND
Propham	ND	ND
Propiconazole Isomer	ND	ND
Propoxur	ND	ND
Prothioconazole	ND	ND
Pymetrozine	ND	ND
Pyracarbolid	ND	ND
Pyraclostrobin	Trace	Trace
Pyridaben	ND	ND
Pyrimethanil	Trace	Trace
Pyriproxyfen	Trace	Trace
Quinoxifen	ND	ND
Rotenone	ND	ND
Sebumeton	ND	ND
Siduron	ND	ND
Simetryn	ND	ND
Spinetoram	ND	ND
Spinosad (Spinosyn A)	ND	ND
Spinosad (Spinosyn D)	ND	ND
Spirodiclofen	ND	ND
Spiromesifen	ND	ND

	Pesticide residues Conc. in Test	
Pesticide residue name	S11425	S11428
Spirotetramat	ND	ND
Spiroxamine Isomer	ND	ND
Sulfentrazone	ND	ND
Tebuconazole	Trace	Trace
Tebufozide	ND	ND
Tebufopyrad	ND	ND
Tebuhiuron	ND	ND
Teflubenzuron	ND	ND
Temphos	ND	ND
Terbumeton	ND	ND
Terbutryn	ND	ND
Tetraconazole	ND	ND
Thiabendazole	ND	ND
Thiacloprid	ND	ND
Thiamethoxam	ND	ND
Thidiazuron	ND	ND
Thiobencarb	ND	ND
Thiofanox	ND	ND
Thiophanate-methyl	ND	ND
Triadimefon	ND	ND
Triadimenol	ND	ND
Trichlorfon	ND	ND
Tricyclazole	ND	ND
Trifloxystrobin	ND	ND
Triflumizole	ND	ND
Triflumuron	ND	ND
Triticonazole	ND	ND
Vamidothion	ND	ND
Zoxamide	ND	ND
Atrazine	ND	ND
Alachlor	ND	ND
Acetochlor	ND	ND
Metolachlor	ND	ND
Simazine	ND	ND
Pendimethalin	ND	ND
Bifenthrin	ND	ND
Fenpropathrin	ND	ND
Propanil	ND	ND
Trifluralin	ND	ND
Coumaphos	ND	ND
Pirimiphos methyl	ND	ND
Trans-Permethrin	ND	ND
Iprodione	ND	ND
Deltamethrin	ND	ND
Cis-Permethrin	ND	ND
Azinphos methyl	ND	ND

	Pesticide residues Conc. in Test	
Pesticide residue name	S11425	S11428
Vinclozolin	ND	ND
Folpet	ND	ND
Phosalone	ND	ND
Thiram	ND	ND
Chlorpyrifos	ND	ND
Dichlofluamid	ND	ND
Diazinon	ND	ND
Fenthion	ND	ND
Dichlorvos	ND	ND
Bensulide	ND	ND
Sethoxydim	ND	ND
Fluopyram	Trace	1.295
Penflufen	ND	ND
Dicamba	ND	ND
2,4-D	ND	ND
Ethephon	ND	ND
Captan	ND	ND
Chlorothalonil	ND	ND

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Notes:
See Limits of Quantification (LOQs) for each analyte on following page.
ND = Not Detected
Trace: Conc.< 1.10 ng/g
ng/g = nanogram per gram and may also be expressed as parts per billion (ppb)



Full List of Analytes and Limits of Quantitation	
Pesticide residue Name	Limit of Quantitation (ng/g)
(Monceren) Pencycuron	1.10
3-Hydroxycarbofuran	1.10
Acephate	1.10
Acetamiprid	1.10
Acibenzolar-S-methyl	1.10
Alanycarb	1.10
Aldicarb sulfone	1.10
Aldicarb sulfoxide	1.10
Aldicarb	1.10
Ametryn	1.10
Aminocarb	1.10
Amitraz	1.10
Avermectin B1a	1.10
Avermectin B1b	NA
Azoxystrobin	1.10
Benalaxyl	1.10
Bendiocarb	1.10
Benfuracarb	NA
Benzoximate	1.10
Bifenazate	1.10
Bitertanol	1.10
Boscalid	1.10
Bromucanazole Isomer	1.10
Bupirimate	1.10
Buprofezin	1.10
Butafenacil	1.10
Butocarboxim	NA
Butoxycarboxim	1.10
Carbaryl	1.10
Carbendazim	1.10
Carbetamide	1.10
Carbofuran	NA
Carboxin	1.10
Carfentrazone-ethyl	1.10
Chlorantraniliprole	1.10
Chlorfluazuron	1.10
Chlorotoluron	1.10
Chloroxuron	1.10
Clethodim Isomer	1.10
Clofentezine	1.10
Clothianidin	1.10
Cyazofamid	1.10
Cycluron	1.10
Cymoxanil	1.10
Cyproconazole Isomer	1.10
Cyprodinil	1.10
Cyromazine	1.10
Desmedipham	1.10
Diclobutrazol	1.10
Dicrotophos	1.10
Diethofencarb	1.10
Difenoconazole Isomer	1.10
Diflubenzuron	1.10
Dimethoate	1.10
Dimethomorph Isomer	1.10
Dimoxystrobin	1.10
Diniconazole	1.10
Dinotefuran	1.10
Dioxacarb	1.10
Diuron	1.10
Doramectin	1.10

Full List of Analytes and Limits of Quantitation	
Pesticide residue Name	Limit of Quantitation (ng/g)
Emamectin-benzoate b1a	1.10
Emamectin-benzoate b1b	1.10
Epoxiconazole	1.10
Eprinomectin	1.10
Etaconazole Isomer	1.10
Ethiofencarb	1.10
Ethiprole	1.10
Ethirimol	1.10
Ethofumesate	NA
Etoxazole	1.10
Famoxadone	1.10
Fenamidone	1.10
Fenarimol	1.10
Fenazaquin	1.10
Fenbuconazole	1.10
Fenhexamid	1.10
Fenobucarb	1.10
Fenoxycarb	1.10
Fenpropimorph	1.10
Fenpyroximate	1.10
Fenuron	1.10
Fipronil	1.10
Flonicamid	1.10
Flubendiamide	1.10
Fludioxinil	NA
Flufenacet	1.10
Flufenoxuron	1.10
Fluometuron	1.10
Fluoxastrobin	1.10
Fluquinconazole	1.10
Flusilazole	1.10
Flutolanil	1.10
Flutriafol	1.10
Forchlorfenuron	1.10
Formetanate HCl	1.10
Fuberidazole	1.10
Furalaxyl	1.10
Furathiocarb	1.10
Halofenozide	1.10
Hexaconazole	1.10
Hexaflumuron	1.10
Hexythiazox	1.10
Hydramethylnon	1.10
Imazalil	1.10
Imidacloprid	1.10
Indoxacarb	1.10
Ipconazole Isomer	1.10
Iprovalicarb Isomer	1.10
Isocarbophos	1.10
Isoprocarb	1.10
Isoproturon	1.10
Ivermectin	1.10
Kresoxim-methyl	1.10
Linuron	1.10
Lufenuron	1.10
Mandipropamid	1.10
Mefenacet	1.10
Mepanipyrim	1.10
Mepronil	1.10
Mesotrione	1.10
Metaflumizone	1.10
Metalaxyl	1.10
Metconazole	1.10
Methabenzthiazuron	1.10
Methamidophos	1.10
Methiocarb	1.10
Methomyl	1.10

Full List of Analytes and Limits of Quantitation	
Pesticide residue Name	Limit of Quantitation (ng/g)
Methoprotryne	1.10
Methoxyfenozide	1.10
Metobromuron	1.10
Metribuzin	1.10
Mevinphos Isomer	1.10
Mexacarbate	1.10
Monocrotophos	1.10
Monolinuron	1.10
Moxidectin	1.10
Myclobutanil	1.10
Neburon	1.10
Nitenpyram	1.10
Novaluron	1.10
Nuarimol	1.10
Omethoate	1.10
Oxadixyl	1.10
Oxamyl	1.10
Paclobutrazol	1.10
Penconazole	1.10
Phenmedipham	1.10
Picoxystrobin	1.10
Piperonyl butoxide	1.10
Pirimicarb	1.10
Prochloraz	1.10
Promecarb	1.10
Prometon	1.10
Prometryne	1.10
Propamocarb	1.10
Propargite	1.10
Propham	1.10
Propiconazole Isomer	1.10
Propoxur	1.10
Prothioconazole	1.10
Pymetrozine	1.10
Pyracarbolid	1.10
Pyraclostrobin	1.10
Pyridaben	1.10
Pyrimethanil	1.10
Pyriproxyfen	1.10
Quinoxifen	1.10
Rotenone	1.10
Sebumeton	1.10
Siduron	1.10
Simetryn	1.10
Spinetoram	1.10
Spinosad (Spinosyn A)	1.10
Spinosad (Spinosyn D)	1.10
Spirodiclofen	1.10
Spiromesifen	1.10
Spirotetramat	1.10
Spiroxamine Isomer	1.10
Sulfentrazone	1.10
Tebuconazole	1.10
Tebufenozide	1.10
Tebufenpyrad	1.10
Tebuthiuron	1.10
Teflubenzuron	1.10
Temephos	1.10
Terbumeton	1.10
Terbutryn	1.10
Tetraconazole	1.10
Thiabendazole	1.10
Thiacloprid	1.10
Thiamethoxam	1.10
Thidiazuron	1.10
Thiobencarb	1.10
Thiofanox	NA

Full List of Analytes and Limits of Quantitation	
Pesticide residue Name	Limit of Quantitation (ng/g)
Thiophanate-methyl	1.10
Triadimefon	1.10
Triadimenol	1.10
Trichlorfon	1.10
Tricyclazole	1.10
Trifloxystrobin	1.10
Triflumizole	1.10
Triflumuron	1.10
Triticonazole	1.10
Vamidothion	1.10
Zoxamide	1.10
Atrazine	1.10
Alachlor	1.10
Acetochlor	1.10
Metolachlor	1.10
Simazine	1.10
Pendimethalin	1.10
Bifenthrin	1.10
Fenpropathrin	NA
Propanil	1.10
Trifluralin	NA
Coumaphos	1.10
Pirimiphos methyl	1.10
Trans-Permethrin	NA
Iprodione	1.10
Deltamethrin	NA
Cis-Permethrin	NA
Azinphos methyl	1.10
Vinclozolin	NA
Folpet	NA
Phosalone	1.10
Thiram	1.10
Chlorpyrifos	1.10
Dichlofluamid	NA
Diazinon	1.10
Fenthion	1.10
Dichlorvos	1.10
Bensulide	1.10
Sethoxydim	1.10
Fluopyram	1.10
Penflufen	1.10
Dicamba	NA
2,4-D	1.10
Ethephon	NA
Captan	NA
Chlorothalonil	1.10

Note: Out of the 240 compounds analyzed, the following 18 compounds were not detectable or were detectable at reduced sensitivity, leaving a total of 222 compounds that were screened with full rigor. It is the nature of multiresidue methods that they cannot be optimal for all compounds in all matrices.

Avermectin B1b	Fenpropathrin	
Benfuracarb	Trifluralin	
Butocarboxim	Trans-Permethrin	
Carbofuran	Deltamethrin	
Ethofumesate	Cis-Permethrin	
Fludioxinil	Vinclozolin	
Thiofanox	Folpet	
	Dichlofluamid	
	Dicamba	
	Ethephon	
	Captan	

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Pesticide residues Conc. in Test samples (ng/g) or (µg/kg)		
Pesticide residue Name	S11425	S11428
Imazalil-1	Trace	Trace
Metconazole-1	Trace	Trace
Piperonyl butoxide-1	1.155	1.235
Pyraclostrobin-1	Trace	Trace
Pyrimethanil-1	Trace	Trace
Pyriproxyfen-1	Trace	Trace
Tebuconazole-1	Trace	Trace
Fluopyram-1	Trace	1.295

Sample ID Number	Sample Description	Lot Number
S11425	Trix Loaded with Vanilla Creme Filling	CE085703, 24 SEP2024
S11428	Trix Loaded with Vanilla Creme Filling	CE185003, 16 NOV 2024