

505 Dimick Drive
Suite 111
Fairfield, IA 52556
Ph: +1 (641) 552-6258
labmanager@hrilabs.org

COA6V1.1	Certificate of Analysis		
Client:	Moms Across America	Report Date:	20230918
Sample Size (g or L):	N/A	Test Date:	20230816 TO 20230909

		Lot	Pesticide residues Concentration
Sample ID Number	Sample Description	Number	(ng/g) in Test samples
S10961	PIZZA HUT - Pepperoni and cheese pizza- extra pepperoni	NA	Please refer in CoA Page 2
S10962	PIZZA HUT - Vegetable topped pizza	NA.	Please refer in CoA Page 2
S10963	TACO BELL - Beef taco supreme	NA NA	Please refer in CoA Page 2
S10964	TACO BELL - Chicken and cheese quesadilla	NA NA	Please refer in CoA Page 2
S10965	KFC - Fried chicken breasts	NA NA	Please refer in CoA Page 2
S10966	KFC - Fried chicken sandwich	NA NA	Please refer in CoA Page 2
S10967	IN-N-OUT BURGER -Cheeseburger	NA NA	Please refer in CoA Page 2
S10968	IN-N-OUT BURGER - Fries	NA NA	Please refer in CoA Page 2
S10971	PANERA BREAD - Steak and cheddar sandwich	NA NA	Please refer in CoA Page 2
S10971 S10972	PANERA BREAD - Deli ham sandwich	NA NA	Please refer in CoA Page 2
S10972 S10973	JACK IN THE BOX - Bacon cheese burger with lettuce, onions and	NA NA	Please refer in CoA Page 2
S10973 S10974	JACK IN THE BOX - Bacon cheese burger with lettuce, officins and	NA NA	Please refer in CoA Page 2
	CHIPOTLE - Carnitas bowl with everything		· ·
S10975		NA	Please refer in CoA Page 2
S10976	CHIPOTLE - Beef burrito with cheese	NA	Please refer in CoA Page 2
S10977	POPEYES LOUISIANA KITCHEN - 5 piece tenders	NA	Please refer in CoA Page 2
S10978	POPEYES LOUISIANA KITCHEN - Spicy Chicken Sandwich	NA	Please refer in CoA Page 2
S10979	SONIC DRIVE-IN - Cheese Burger	NA	Please refer in CoA Page 2
S10980	SONIC DRIVE-IN - Fries	NA	Please refer in CoA Page 2
S10981	LITTLE CAESARS - Pepperoni pizza	NA	Please refer in CoA Page 2
S10982	LITTLE CAESARS - Sausage pizza	NA	Please refer in CoA Page 2
S10983	DUNKIN - Breakfast sandwich - sausage, egg and cheese	NA	Please refer in CoA Page 2
S10984	DUNKIN - Glazed Donut	NA	Please refer in CoA Page 2
S10985	PANDA EXPRESS - Orange Chicken + White Rice	NA	Please refer in CoA Page 2
S10986	PANDA EXPRESS - Beef and brocolli with fried rice	NA	Please refer in CoA Page 2
S10987	DAIRY QUEEN - FlameThrower Grillburger	NA	Please refer in CoA Page 2
S10988	DAIRY QUEEN - Fries	NA	Please refer in CoA Page 2
S10989	WENDY'S - Chicken Sandwich	NA	Please refer in CoA Page 2
S10990	WENDY'S - Cheese Burger	NA	Please refer in CoA Page 2
S10993	DOMINO'S - Pepperoni cheese pizza - extra pepperoni	NA	Please refer in CoA Page 2
S10994	DOMINO'S - Pepperoni cheese pizza Glutren Free crust - extra	NA	Please refer in CoA Page 2
S11004	BURGER KING - Impossible Burger	NA	Please refer in CoA Page 2
S11005	BURGER KING - Quarter Pounder with lettuce and tomato and cheese	NA	Please refer in CoA Page 2
S11006	STARBUCKS - Double-Smoke Bacon, Cheddar and Egg Sandwich	NA	Please refer in CoA Page 2
S11007	SUBWAY - Cold Cut Combo - Footlong	NA	Please refer in CoA Page 2
S11008	SUBWAY - Veggie Delight - Footlong	NA	Please refer in CoA Page 2
S11009	STARBUCKS - Impossible Breakfast Sandwich	NA	Please refer in CoA Page 2
S11010	CHICK-FIL-A* - Chicken sandwich	NA	Please refer in CoA Page 2
S11011	CHICK-FIL-A* - Chicken nuggets	NA	Please refer in CoA Page 2
S11016	MCDONALD'S - Big Mac - Beef, Lettuce, Pickle, American Cheese	NA	Please refer in CoA Page 2
S11017	MCDONALD'S - Breakfast egg sausage and cheese sandwich	NA	Please refer in CoA Page 2
S11018	CENTNER INSTITUTE - Hamburger	NA	Please refer in CoA Page 2
S11019	CENTNER INSTITUTE - Sweet potato fries	NA	Please refer in CoA Page 2
S11020	CENTNER INSTITUTE - Bok choy	NA	Please refer in CoA Page 2
S11021	CENTNER INSTITUTE - Grape Tomatoes	NA	Please refer in CoA Page 2
S11027	ARBY'S - Classic Chicken Sandwich	NA	Please refer in CoA Page 2
S11028	ARBY'S - Roast Beef & Cheddar Sandwich	NA	Please refer in CoA Page 2
	Details on Following Page		111111111111111111111111111111111111111

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

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.

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

Released on Behalf of Health Research Institute by

Dr. Jonn Fagan Chief Scientist 505 Dimick Drive, Suite 111 Fairfield, IA 52556 +1 641-552-6258 ISO/IEC 17025:2017 Accreditation # 92657 CA STATE ID: 800766 IS 17025
ACCREDITED LABORATORY



Testing Accremitation #32007

Form No.: FM-024 | Issue Date: 12/09/2022 | LF-Rev: 12/09/2025



																			Pes	ticid	e res	idues	Con	c. in T	est s	amp	les (n	g/g)																		
Pesticide residue name	S10961	S10962	S10963	S10964	S10965	S10966	S10967	7 S10968	S10971	S10972	S10973	S10974	\$10975	S10976	S10977	S10978	S10979	S1098				33 S10984							S10993	S10994	S11004	S11005	S11006	S11007 S1	1008	S11009	S11010	S11011	S11016	S11017	S11018	\$11019	9 \$11020	S11021	1 S11027	7 S11028
(Monceren) Pencycuron	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND	ND																									
3-Hydroxycarbofuran	ND	_	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	_	_	_	_			ND	ND	ND	ND	ND	ND	ND	ND	ND	_	ND	ND																
Acephate	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	_	_			ND	ND	ND	ND	_	ND	ND ND	ND		ND																			
Acetamiprid Acibenzolar-S-methyl	ND ND	ND ND	ND ND	ND ND	ND	ND ND	ND ND	_	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND ND	ND ND	_	_				ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND ND	ND ND	ND ND	ND ND		ND ND	_	ND ND	_	ND ND							
Alanycarb	ND	ND	ND	ND	ND ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND ND	ND	ND	ND	ND		_			ND	ND	ND	ND	ND ND	ND ND	ND	ND	ND	_	ND ND	ND		ND	ND							
Aldicarb sulfone	ND	ND	ND	ND	ND	ND	ND	ND	ND						ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND	ND																		
Aldicarb sulfoxide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	_	ND	ND	ND	ND	_	ND	ND	ND	ND																									
Aldicarb	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND	ND																									
Ametryn	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND I	ND	ND	ND	ND																		
Aminocarb	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND I	ND	ND	ND	ND																		
Amitraz	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		_		ND	ND	ND	ND		ND	ND																										
Avermectin B1a	ND	ND	ND	ND	ND	ND	ND	ND	ND	_	_	_		ND	ND	ND	ND	_	ND	ND																										
Avermectin B1b	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	_	ND	_	ND																								
Azoxystrobin Benalaxyl	Trace	Trace	ND	ND ND	ND ND	ND	ND ND	ND ND	ND	ND ND	1.20 ND	ND	Trace	Trace	ND	ND	ND	ND	1.35	1.22	ND ND		ND ND	ND	ND	ND	ND	ND	Trace	1.98 ND	ND ND	ND	ND		ND ND	ND	ND ND	ND	ND ND	ND	ND	ND	ND ND	ND ND	ND	ND ND
Bendiocarb	ND	ND ND	ND ND	ND	ND	ND ND	ND		ND ND		ND	ND ND		_	_	_		ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND	ND ND	ND ND		ND ND	ND ND	ND	ND ND	ND	ND ND	ND ND	ND ND		ND								
Benfuracarb	ND	_	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	_		_		ND	ND	ND	ND	_	ND	_	ND	_	_																			
Benzoximate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	_	_		ND	ND	ND	ND		ND		ND																									
Bifenazate	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	_	_	ND	ND	ND	ND		ND		ND	ND																					
Bitertanol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND																		
Boscalid	ND	ND	ND	ND	ND	1.20	ND	ND	ND	ND	ND	ND	ND	1.23	ND	ND	ND	ND	ND	ND		_		1.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	_	ND	1.12	ND	ND		ND						
Bromucanozole Isomer	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND I	ND	ND	ND																			
Bupirimate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	_	_		ND	ND	ND	ND	_	ND	ND		ND																								
Buprofezin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND	ND		ND	ND		ND																									
Butafenacil	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	_	ND	ND	ND	ND	_	ND	ND	ND	ND																									
Butocarboxim Butoxycarboxim	ND ND	_	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	_	_	_			ND ND	ND ND	ND ND	ND ND		ND ND		ND ND	_	ND ND																			
Carbaryl	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		_		ND	ND	ND	ND		ND		ND	_																				
Carbendazim	ND	.,,,	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND							ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND	_														
Carbetamide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	_	_		ND	ND	ND	ND	_	ND		ND	_	ND																							
Carbofuran	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND	ND																									
Carboxin	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND																			
Carfentrazone-ethyl	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND	ND	ND	ND	_	ND	ND	ND	ND																									
Chlorantraniliprole	ND	ND	ND	ND	ND	ND	ND	ND	ND	_				ND	ND	ND	ND		ND	ND																										
Chlorifuazuron	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	_	_	_	_		ND	ND	ND	ND	_	ND	_	ND																					
Chlorotoluron Chloroxuron	ND ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	_	ND ND	ND ND	ND ND	ND		ND ND	ND	ND ND	ND ND	ND ND																				
Clethodim Isomer	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND		_	_				ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND										
Clofentezine	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	_	ND	ND	ND	ND		ND	ND	ND	ND																									
Clothianidin	ND	ND	ND	ND	ND	2.89	ND	_	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.97	ND	_	_	_		1.22	ND	ND	ND	ND	ND	ND	ND	ND	ND		2.21	ND		ND	_	ND						
Cyazofamid	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND I	ND	ND	ND	ND																		
Cycluron	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND I	ND	ND	ND	ND																		
Cymoxanil	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	_	_	ND	ND	ND	ND	_	ND	_	ND		ND																								
Cyproconazole Isomer	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		_	ND	ND	ND	ND	_	ND	ND																											
Cyromanina	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	_	ND	ND	ND	ND	_	ND	ND	ND	ND																									
Cyromazine Desmedinham	ND ND	ND ND	ND ND	ND ND	ND	ND ND	ND ND	ND	ND	ND ND	ND	ND ND	ND ND	ND ND	ND	ND	ND	ND	ND	ND				ND ND	ND ND	ND	ND ND	ND	ND	ND	ND	ND	ND		ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND ND	ND	ND ND	ND ND	_	
Desmedipham Diclobutrazol	ND	ND ND	ND	ND	ND ND	ND	ND ND	ND ND	ND ND	ND	ND ND	ND ND	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	_	_	_		ND	ND	ND ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	_	ND ND	ND ND	ND	ND ND	ND ND	ND ND	ND	ND ND	ND	ND	_	
Dicrotophos	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	_	_	_		ND	ND	ND	ND	_	ND	ND																						
Diethofencarb	ND	_	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	_	_		_		ND	ND	ND	ND	_	ND		ND	_																				
Difenoconazole Isomer	Trace	Trace	3.49	ND	ND	ND	ND	_	ND	ND	1.68	ND	ND	Trace	ND	ND	ND	ND	ND	Trac	_		ND	ND	ND	ND	ND	ND	Trace	1.81	ND	ND	ND		ND	ND	ND	ND								
Diflubenzuron	ND	_			ND	ND	ND	ND	ND	ND	ND	ND		_				ND	ND	ND	ND		ND		ND	_																				
Dimethoate	ND	6.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND I	ND	ND	ND	ND																
Dimethomorph Isomer	ND	ND	Trace	ND	ND	6.20	ND	ND	ND	ND	ND		ND	_	_		ND	ND	ND	ND		race	ND		ND		ND																			
Dimoxystrobin	ND	_	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND				ND	ND	ND	ND		ND	_	ND																					
Diniconazole	ND	ND	ND	2.07	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		_	_	_		ND	ND	ND	ND	_	ND	ND																
Dinotefuran Diayanarh	ND		ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND			ND	ND	ND	ND		ND	6.36	ND																
Dioxacarb	ND	ND	ND	ND	ND	ND ND	ND	ND ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	_	_	_		ND	ND	ND	ND	_	ND	ND ND	ND															
Diuron Doramectin	ND	ND	ND	ND	ND		ND	.,,,	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		_		ND	ND	ND	ND		ND	.,,,	ND	_														
Doramectin Emamectin-benzoate b1a	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	_	_	ND ND	ND ND	ND ND	ND ND	_	ND ND	ND ND		ND ND																									
Emamectin-benzoate b1b	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND					ND	ND	ND	ND		ND ND	ND		ND																				
Epoxiconazole	ND	ND	ND	ND	ND	_	ND	_	_	ND	ND	ND	ND		ND	ND	ND	ND	_	_					ND	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND	ND	ND	ND	ND			ND	_	
Eprinomectin	ND	ND	ND	ND	ND							ND	ND		ND	ND	ND	ND			_				ND		ND	ND	ND	ND		ND	ND		ND				ND	ND						
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Pesticide residue name	S1096	1 \$10962	S109	63 S10	964 S1	10965	S10966	S10967	S10968	S10971	S10972	S10973	S10974	S10975	S10976	S10977	S10978	S10979	S10980	S10981	S10982	S10983	S10984	S10985	S10986	S10987	S10988	S10989	S10990	S10993	S10994	S11004 S	11005 S1	006 S1100	7 \$1100	8 \$11009	S1101	0 S11011	S11016	S11017	S11018	S11019	S11020 S	S11021 S	11027 S1	11028
Etaconazole Isomer	ND		NE		ID	ND			ND		ND		_	ID ND		ND	ND	ND	ND	ND	ND	ND	ND			ND																				
Ethiofencarb	ND		NE) N	ID	ND		ND	ND	ND	ND	1 dn	ID ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND																					
Ethiprole	ND	_	NE	_	_	ND	ND	ND	_	ND		ND	ND	ND	ND	ND			_		ND	_				ID ND	_	_	_	_	ND	_	_			_		ND								
Ethirimol	ND		NE	_	_	ND	_		ND		ND			ID ND	_	_	ND	_		ND																										
Ethofumesate Etoxazole	ND	_	NE	_	_	ND		ND	ND	ND			ID ND	_	_	ND	_		ND																											
Famoxadone	ND ND		NE	_	_	ND ND			ID ND	_	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	_		ND ND																									
Fenamidone	ND	_	NE	_	_	ND			ID ND	_		ND	_		ND																															
Fenarimol	ND		NE	_	_	ND			ID ND	_	ND	ND	ND	ND	ND	ND	ND	ND	_		ND																									
Fenazaquin	ND		NE	_	_	ND		_	ID ND	_		ND			ND																															
Fenbuconazole	ND	ND	NE) N	ID	ND	1 dn	ID ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND																										
Fenhexamid	ND		NE) N	ID	ND		1 dn	ID ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND																									
Fenobucarb	ND		NE	_	_	ND			ID ND		ND	ND	ND	ND	ND	ND	ND				ND																									
Fenoxycarb	ND		NE	_	_	ND		_	ID ND	_		ND			ND																															
Fenpropimorph Fenpyroximate	ND ND		NE 1.1	2 N	_	ND ND			ND ND	ND ND	ND ND			ID ND	_	_	ND ND	ND ND	ND ND	ND ND	ND ND		ND ND	_		ND ND																				
Fenuron	ND		NE	_	_	ND		ND	ND	ND	ND			ID ND	_	ND	ND	ND	ND	ND	ND	ND				ND																				
Fipronil	ND		NE	_	_	ND			ID ND	_	ND	ND	ND	ND	ND	ND		ND	_		ND																									
Flonicamid	ND		NE	_	_	ND		ND	ND	ND		ND 1	ID ND	_	ND	ND	ND	ND	ND	ND	ND	ND			ND																					
Flubendiamide	ND	ND	NE) N	ID	ND	1 dn	ID ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND																										
Fludioxinil	ND		NE) N	ID	ND	ND 1	ID ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND																										
Flufenacet	ND		NE	_	_	ND			ID ND	_	_	ND	_		ND																															
Flufenoxuron	ND		NE	_	_	ND			ID ND	_	ND	ND	ND	ND	ND	ND	ND		_		ND																									
Fluometuron	ND ND		NE	_	_	ND	_	ND	ND	ND	ND			ID ND	_	_	ND	ND	ND	ND	ND	ND		_		ND																				
Fluoxastrobin Fluquinconazole	ND		NE NE	_	_	ND ND			ID ND	_	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	_		ND ND																									
Flusilazole	ND		NE	_	_	ND			ID ND		_	ND	_		ND																															
Flutolanil	ND		NE	_	_	ND			ID ND		ND	ND	ND	ND	ND	ND	ND	ND	_		ND																									
Flutriafol	ND	ND	NE) N	ID	ND	ND	ND	ND	ND	ND	Trace	ND	Trace	1.27	ND	1 dn	ID ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND																
Forchlorfenuron	ND		NE	_	_	ND			ID ND	_	_	ND	ND	ND	ND	ND					ND																									
Formetanate HCI	ND	_	NE	_	_	ND			ID ND	_	_	ND	_		ND																															
Fuberidazole Furalaxyl	ND ND		NE NE	_	_	ND ND			ID ND	_	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND			ND ND																									
Furathiocarb	ND		NE	_		ND			ID ND	_	ND	ND	ND	ND	ND	ND	ND	ND			ND																									
Halofenozide	ND		NE	_	_	ND			ID ND	_	_	ND	_		ND																															
Hexaconazole	ND	ND	NE) N	ID	ND	1 dn	ID ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND																										
Hexaflumuron	ND		NE) N	ID	ND		ND	ND	ND	ND	1 dn	ID ND	ND	ND	ND	ND	ND	ND	ND	ND	ND			ND																					
Hexythiazox	ND		NE	_	_	ND		ND	ND	ND	ND			ID ND	_		ND	_		ND																										
Hydramethylnon Imazalil	ND ND		NE NE	_	_	ND ND			ID ND	_	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	_		ND ND																									
Imidacloprid	ND	_	NE.	_	_	ND	1.85	1.82	ND		ND	ND	ND			ID ND	_		ND	_		ND																								
Indoxacarb	ND		1.3	2 N	_	ND	_		ND	ND	ND			ID ND	_	_	ND	_		ND																										
Ipconazole Isomer	ND	ND	NE) N	ID	ND	1 dn	ID ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND																										
Iprovalicarb Isomer	ND		NE) N	ID	ND		1 dn	ID ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	_		ND																									
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Deltamethrin	ND	ND	ND	ND	ND	ND	ND	ND	NE) N	D N	ID DI	ID N) N) NE) N	ID N	D	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cis-Permethrin	ND	ND	ND	ND	ND	ND	ND	ND	NE) N	D N	ID DI	ID N) N) NE) N	ID N	D	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Azinphos methyl	ND	ND	ND	ND	ND	ND	ND	ND	NE) N	D N	ID DI	ID N) N) NE) N	ID N	D	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinclozolin	DN	ND	ND	ND	ND	ND	ND	ND	NE) N	D N	ID I	ID NI) N) NE) N	ID N	D	ND	ND	DN	ND	DN	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											
Folpet	ND	ND	ND	ND	ND	ND	ND	ND	NE) N	D N	M DI	ID N) N) NE) N	ID N	D	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phosalone	ND	ND	ND	ND	ND	ND	ND	ND	NE) N	D N	ID DI	ID N) N) NE) N	ID N	D	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Thiram	ND	ND	ND	ND	ND	ND	ND	ND	NE) N	D N	ID DI	ID N) N) NE) N	ID N	D	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Propiconazole	ND	ND	ND	ND	ND	ND	ND	ND	NE) N	D N	ID DI	ID N) N) NE) N	ID N	D	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorothalonil	ND	ND	ND	ND	ND	ND	ND	ND	NE) N	D N	ID N	ID NI) N) NE) N	ID N	D	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorpyrifos	ND	ND	ND	ND	ND	ND	ND	ND	NE) N	D N	ID DI	ID N) N) NE) N	ID N	D	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlofluamid	ND	ND	ND	ND	ND	ND	ND	ND	NE) N	D N	ID DI	ID N) N) NE) N	ID N	D	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diazinon	ND	ND	ND	ND	ND	ND	ND	ND	NE) N	D N	M DI	ID N) N) NE) N	ID N	ID	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fenthion	DN	ND	ND	ND	ND	ND	ND	ND	NE) N	D N	ID I	ID NI) N) NE) N	ID N	D	ND	ND	DN	ND	DN	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND											
Dichlorvos	ND	ND	ND	ND	ND	ND	ND	ND	NE) N	D N	ID I	ID N) N) NE) N	ID N	D	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethephon	ND	ND	ND	ND	ND	ND	ND	ND	NE	N	D N	ID I	ID N) N) NE) N	ID N	D	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Captan	ND	ND	ND	ND	ND	ND	ND	ND	NE) N	D N	M DI	ID N) N) NE) N	ID N	ID	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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Notes: See Limits of Quantification (LOQs) for each analyte on for ND = Not Detected

Trace: Conc.< 1.10 ng/g
ng/g = nanogram per gram and may also be expressed as

505 Dimick Drive Suite 111 Fairfield, IA 52556 Ph: +1 (641) 552-6258

labmanager@hrilabs.org

Pesticide residue	Limit of	Pesticide residue	Limit of	Analytes and Limi Pesticide	Limit of	Pesticide	Limit of	Pesticide	Limit of
	Quantita		Quantitat		Quantitati		Quantitatio		Quantitatio
Name	tion	Name	ion (ng/g)	residue Name	on (ng/g)	residue Name	n (ng/g)	residue Name	(ng/g)
(Monceren) Pencycuron	1.10	Desmedipham	1.10	Forchlorfenuron	1.10	Nuarimol	1.10	Tetraconazole	1.10
3-Hydroxycarbofuran	1.10	Diclobutrazol	1.10	Formetanate HCl	1.10	Omethoate	1.10	Thiabendazole	1.10
Acephate	1.10	Dicrotophos	1.10	Fuberidazole	1.10	Oxadixyl	1.10	Thiacloprid	1.10
Acetamiprid	1.10	Diethofencarb	1.10	Furalaxyl	1.10	Oxamyl	1.10	Thiamethoxam	1.10
Acibenzolar-S-methyl	1.10	Difenoconazole Isomer	1.10	Furathiocarb	1.10	Paclobutrazol	1.10	Thidiazuron	1.10
Alanycarb	1.10	Diflubenzuron	1.10	Halofenozide	1.10	Penconazole	1.10	Thiobencarb	1.10
Aldicarb sulfone	1.10	Dimethoate	1.10	Hexaconazole	1.10	Phenmedipham	1.10	Thiofanox	NA
Aldicarb sulfoxide	1.10	Dimethomorph Isomer	1.10	Hexaflumuron	1.10	Picoxystrobin	1.10	Thiophanate-meth	1.10
Aldicarb	1.10	Dimoxystrobin	1.10	Hexythiazox	1.10	Piperonyl butoxide	1.10	Triadimefon	1.10
Ametryn	1.10	Diniconazole	1.10	Hydramethylnon	1.10	Pirimicarb	1.10	Triadimenol	1.10
Aminocarb	1.10	Dinotefuran	1.10	Imazalil	1.10	Prochloraz	1.10	Trichlorfon	1.10
Amitraz	1.10	Dioxacarb	1.10	Imidacloprid	1.10	Promecarb	1.10	Tricyclazole	1.10
Avermectin B1a	NA	Diuron	1.10	Indoxacarb	1.10	Prometon	1.10	Trifloxystrobin	1.10
Avermectin B1b	NA	Doramectin	NA	Ipconazole Isomer	1.10	Prometryne	1.10	Triflumizole	1.10
Azoxystrobin	1.10	Emamectin-benzoate b1a	1.10	Iprovalicarb Isomer	1.10	Propamocarb	1.10	Triflumuron	1.10
Benalaxyl	1.10	Emamectin-benzoate b1b	NA	Isocarbophos	NA	Propargite	1.10	Triticonazole	1.10
Bendiocarb	1.10	Epoxiconazole	1.10	Isoprocarb	1.10	Propham	NA	Vamidothion	1.10
Benfuracarb	1.10	Eprinomectin	NA	Isoproturon	1.10	Propiconazole Isomer	1.10	Zoxamide	1.10
Benzoximate	1.10	Etaconazole Isomer	1.10	Ivermectin	NA	Propoxur	1.10	Fluazinam	1.10
Bifenazate	1.10	Ethiofencarb	1.10	Kresoxim-methyl	1.10	Prothioconazole	1.10	Atrazine	1.10
Bitertanol	1.10	Ethiprole	1.10	Linuron	1.10	Pymetrozine	1.10	Alachlor	1.10
Boscalid	1.10	Ethirimol	1.10	Lufenuron	1.10	Pyracarbolid	1.10	Dicamba	NA
Bromucanozole Isomer	1.10	Ethofumesate	NA	Mandipropamid	1.10	Pyraclostrobin	1.10	2.4-D	1.10
Bupirimate	1.10	Etoxazole	1.10	Mefenacet	1.10	Pyridaben	1.10	Acetochlor	1.10
Buprofezin	1.10	Famoxadone	NA	Mepanipyrim	1.10	Pyrimethanil	1.10	Metolachlor	1.10
Butafenacil	1.10	Fenamidone	1.10	Mepronil	1.10	Pyriproxyfen	1.10	Simazine	1.10
Butocarboxim	NA	Fenarimol	1.10	Mesotrione	1.10	Quinoxyfen	1.10	Pendimethalin	1.10
Butocarboxim	1.10	Fenazaguin	1.10	Metaflumizone	1.10	Rotenone	1.10	Bifenthrin	NA
•					1.10				NA NA
Carbaryl	1.10	Fenbuconazole	1.10	Metalaxyl		Secbumeton	1.10	Fenpropathrin	
Carbendazim	1.10	Fenhexamid	1.10	Metconazole	1.10	Siduron	1.10	Propanil	1.10
Carbetamide	1.10	Fenobucarb .	1.10	Methabenzthiazuron	1.10	Simetryn	1.10	Trifluralin	NA
Carbofuran	1.10	Fenoxycarb	1.10	Methamidophos	1.10	Spinetoram	1.10	Coumaphos	1.10
Carboxin	1.10	Fenpropimorph	1.10	Methiocarb	1.10	Spinosad (Spinosyn A)	1.10	Pirimiphos methyl	1.10
Carfentrazone-ethyl	1.10	Fenpyroximate	1.10	Methomyl	1.10	Spinosad (Spinosyn D)	1.10	Trans-Permethrin	NA
Chlorantraniliprole	1.10	Fenuron	1.10	Methoprotryne	1.10	Spirodiclofen	NA	Iprodione	1.10
Chlorfluazuron	1.10	Fipronil	NA	Methoxyfenozide	1.10	Spiromesifen	1.10	Deltamethrin	NA
Chlorotoluron	1.10	Flonicamid	1.10	Metobromuron	1.10	Spirotetramat	1.10	Cis-Permethrin	NA
Chloroxuron	1.10	Flubendiamide	NA	Metribuzin	1.10	Spiroxamine Isomer	1.10	Azinphos methyl	1.10
Clethodim Isomer	1.10	Fludioxinil	NA	Mevinphos Isomer	1.10	Sulfentrazone	1.10	Vinclozolin	NA
Clofentezine	1.10	Flufenacet	1.10	Mexacarbate	1.10	Tebuconazole	1.10	Folpet	NA
Clothianidin	1.10	Flufenoxuron	1.10	Monocrotophos	1.10	Tebufenozide	1.10	Phosalone	1.10
Cyazofamid	1.10	Fluometuron	1.10	Monolinuron	1.10	Tebufenpyrad	1.10	Thiram	1.10
Cycluron	1.10	Fluoxastrobin	1.10	Moxidectin	NA	Tebuthiuron	1.10	Propiconazole	1.10
Cymoxanil	1.10	Fluquinconazole	1.10	Myclobutanil	1.10	Teflubenzuron	1.10	Chlorothalonil	1.10
Cyproconazole Isomer	1.10	Flusilazole	1.10	Neburon	1.10	Temephos	1.10	Chlorpyrifos	1.10
Cyprodinil	1.10	Flutolanil	1.10	Nitenpyram	1.10	Terbumeton	1.10	Dichlofluamid	NA
Cyromazine	NA	Flutriafol	1.10	Novaluron	1.10	Terbutryn	1.10	Diazinon	1.10
		L		L.		· · · · · · · · · · · · · · · · · · ·		Fenthion	1.10
Note: 1) Out of the	236 co	mpounds analyzed, the	follov	ving 28 compounds	were			Dichlorvos	1.10
•		ectable at reduced ser						2-Chloroethyl phos	NA NA
ior defectable of Wi	ere uel	ectable at reduced ser	BILIVIL	y, reaving a total Of	200			_ 55.55 tily i pritts	14/7

not detectable or were detectable at reduced sensitivity, leaving a total of 208 compounds that were screened with full rigor. The nature of multi-residue methods is that they cannot be optimal for all compounds in all matrices. 2) To expand the pesticide multi-residue screening, 32 individual stock pesticide residues were added to the method.

Avermectin B1a	Fludioxinil	Deltamethrin
Avermectin B1b	Isocarbophos	Cis-Permethrin
Butocarboxim	Ivermectin	Vinclozolin
Cyromazine	Moxidectin	Folpet
Doramectin	Propham	Dichlofluamid
Emamectin-benzoate b1b	Spiromesifen	Dicamba
Eprinomectin	Thiofanox	Ethephon
Ethofumesate	Bifenthrin	Captan
Famoxadone	Fenpropathrin	
Fipronil	Trifluralin	
Flubendiamide	Trans-Permethrin	

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Captan

					P	estic	ide re	esidu	es Co	nc. in	ı Tes	t sam	oles (ng/g)														
		Azoxyst.	nigo	Clothianidis	Difenoconazole k.c.	Dimethoate	Dimethomorph	Diniconazolo	Dinotefuran	Fendyroxima	on large	· /ø	Imidacloprid	Indoxacarh	Mandipropan	ramid 1xy/	, azin	I Aug	Propamocark	Pyraclostrohi	Pyriproxyfer	Spinetoram	Tebuconazo,	Thiamethox	Thiophanate.	Tricyclazole		hos ht	Total Pesticides in Sample
HRI Sample No.	Sample Description	420x1	Boscalid	Chothia	Difeno k	Dimet	Dimet	Dinico	Dinote	Fenby	Fenuron	Flutriafol	Imidac	Indoxa	Mandi	Metalaxy	Metribuzin	Piperony! butoxid	Propar	Pyraci	Pyripr	Spinet	rebuc	Thiam	Thiopt	Tieye	2,4.0	Pirimiphos methyl	Total f
S10961	PIZZA HUT - Pepperoni and cheese pizza- extra pepperoni	Trace	-	-	Trace	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	- [0.00
S10962	PIZZA HUT - Vegetable topped pizza	Trace	-	-	Trace	6.89	-	-	-	-	-	-	3.99	-	-	1.89	-	-	-	1.96	-	-	2.79	3.99	-	-	-	- 1	21.50
S10963	TACO BELL - Beef taco supreme	-	-	-	3.49	-	Trace	-	-	1.12	-	-	-	1.32	-	-	-	-	-	-	2.69	-	Trace	Trace	-	-	Trace	3.17	11.78
S10964	TACO BELL - Chicken and cheese guesadilla	-	-	-	-	-	-	2.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Trace	-	-	-	1.10	- 1	3.17
S10965	KFC - Fried chicken breasts	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
S10966	KFC - Fried chicken sandwich	-	1.20	2.89	-	-	-	-	-	-	-	-	-		-	-	2.96	-	-	-	-	-	-	3.99	-	-	-	-	11.03
S10967	IN-N-OUT BURGER-Cheeseburger	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Trace	-	-	-	-	0.00
S10968	IN-N-OUT BURGER - Fries	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.16	-	-	-	Trace	-	-	-	-	-	10.16
S10971	PANERA BREAD - Steak and cheddar sandwich	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
S10972	PANERA BREAD - Deli ham sandwich	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Trace	-	-	-	-	-	-	-	-	-	-	0.00
S10973	JACK IN THE BOX - Bacon cheese burger with lettuce, onions and tor	1.20	-	-	1.68	-	-	-	-	-	-	Trace	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	_	2.88
S10974	JACK IN THE BOX - Fries	-	-	-	-		-	-	-	-	-	-	1.85	-	-	-	-	8.87	-	-	-	-	-	-	-	-	Trace	-	10.72
S10975	CHIPOTLE - Carnitas bowl with everything	Trace	-	-	-	-	6.20	-	-	-	-	-	1.82	-	-	-	-	-	-	6.40	-	Trace	1.58	Trace	-	2.02	-	-	18.02
S10976	CHIPOTLE - Beef burrito with cheese	Trace	1.23	-	Trace		-	-	-	-	-	٠.		_	-	-	-	-	-	-	-	-	Trace	Trace	-	2.09	-	1.49	4.81
S10977	POPEYES LOUISIANA KITCHEN - 5 piece tenders	-	-	-	-			-	-	-	-	-	-		-	-	-	-	_	-	-	-	11000		-	-	-	1.10	0.00
S10978	POPEYES LOUISIANA KITCHEN - Spicy Chicken Sandwich	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Trace	-	-	-		0.00
S10979	SONIC DRIVE-IN - Cheese Burger	-	-	-	-	-	-	-	-	-	-	<u> </u>	_	<u> </u>	-	-	<u> </u>	-	-	-	-	-	<u> </u>	Trace		-	-		0.00
S10980	SONIC DRIVE-IN - Fries	-	_	3.97			_	_	_	-	-	-		_	-	-	_	_	_	_	-	-	_	1.31	_	-	3.79		9.06
S10981	LITTLE CAESARS - Pepperoni pizza	1.35		0.01		<u> </u>	-	-	-	-	-	<u> </u>			<u> </u>	-	-	<u> </u>	-	-	-	-	-	1.01	-	-	0.10		1.35
S10981	LITTLE CAESARS - Feppelolli pizza LITTLE CAESARS - Sausage pizza	1.22	_	-	Trace		-	_	_	-	-		-	_	-	Trace	-	-	_	_	-	-	i -	-	_	_	-	-	1.22
S10983	DUNKIN - Breakfast sandwich - sausage, egg and cheese	1.22	-	-	Trace	÷	-	_	-	-	-	1	-	_	-	Trace	_	-	_	-	-	-	-	-	-	-	-	-	0.00
S10963 S10984	DUNKIN - Glazed Donut	-	-	-	-		i i	-	-	-	-	-	-		-	-		-	-	-	-	-		i i	-	-	-	-	0.00
S10964 S10985	PANDA EXPRESS - Orange Chicken + White Rice	-	-	-	-	÷	-	Ė	-	-	<u> </u>	<u> </u>	-	-	-	-	-	-	-	-	-	-	<u> </u>	H	-	-	-	-	0.00
S10965 S10986	PANDA EXPRESS - Orange Chicken + White Rice PANDA EXPRESS - Beef and brocolli with fried rice	-	1.19	1.22	-	÷	i i	-	-	-	<u> </u>	<u> </u>	-		-	-	-	-	-	-	-	-			-	-	-	⊢∸⊢	2.41
			1.19			-	-	-					-	-			-	-		-			-	Trace	-			⊢∸⊢	
S10987	DAIRY QUEEN - FlameThrower Grillburger	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	2.54	-	-	-	-	1.34	-	-	Trace	-	3.88
S10988	DAIRY QUEEN - Fries	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.33	Trace	-	-	-	-	-	-	-	-	-	-	2.33
S10989	WENDY'S - Chicken Sandwich	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		0.00
S10990	WENDY'S - Cheese Burger		-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	┵	0.00
S10993	DOMINO'S - Pepperoni cheese pizza - extra pepperoni	Trace	-	-	Trace	-	-	-	-	-	-	Trace	-	-	-	-	-	34.73	-	-	-	-	Trace	-	-	-	1.84	-	36.57
S10994	DOMINO'S - Pepperoni cheese pizza Glutren Free crust - extra peppe	1.98	-	-	1.81	-	-	-	-	-	-	1.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	╙┸	5.06
S11004	BURGER KING - Impossible Burger	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
S11005	BURGER KING - Quarter Pounder with lettuce and tomato and cheese	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
S11006	STARBUCKS - Double-Smoke Bacon, Cheddar and Egg Sandwich	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
S11007	SUBWAY - Cold Cut Combo - Footlong	-	-	-	-	-	Trace	-	-	-	-	-	-	-	Trace	1.27	-	-	4.81	Trace	-	-	-	1.73	-	-	-	-	7.80
S11008	SUBWAY - Veggie Delight - Footlong	-	-	2.21	-	-	Trace	-	-	-	-	-	-	-	Trace	1.82	-	-	5.62	Trace	-	-	-	1.85	-	-	2.04	لنا	13.54
S11009	STARBUCKS - Impossible Breakfast Sandwich	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
S11010	CHICK-FIL-A* - Chicken sandwich	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.16	-	-	-	-	-	-	-	-	لنا	2.16
S11011	CHICK-FIL-A* - Chicken nuggets	-	-	-	-	-	-	-	-	-	-	-	-	•	-	-	-	-	-	-	-	-	-	-	Trace	-	-	-	0.00
S11016	MCDONALD'S - Big Mac - Beef, Lettuce, Pickle, American Cheese	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Trace	-	-	-	-	-	-	-	-	-	-	-	-	0.00
S11017	MCDONALD'S - Breakfast egg sausage and cheese sandwich		-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	L - T	0.00
S11018	CENTNER INSTITUTE - Hamburger		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
S11019	CENTNER INSTITUTE - Sweet potato fries		1.12	-	-	-	-	-		-	-	-	-		-	-	-	1.16	-	-	-	-	-	-	-	-	-	-	2.27
S11020	CENTNER INSTITUTE - Bok choy	-	-	-	-	-	-	-	6.36	-	Trace	-	-	-	-	-	-	-	-	-	-	-	Trace	-	-	-	-	- 1	6.36
S11021	CENTNER INSTITUTE - Grape Tomatoes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00
S11027	ARBY'S - Classic Chicken Sandwich	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	- 1	0.00
S11028	ARBY'S - Roast Beef & Cheddar Sandwich	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	- 1	0.00
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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)

505 Dimick Drive Suite 111 Fairfield, IA 52556 Ph: +1 (641) 552-6258 labmanager@hrilabs.org

	Health Side Effec	t of Contaminants
Name of Pesticide detected in food sample	Side effects	Sources
Dimethoate	headache, seating, nausea and vomiting, diarrhea, loss of coordination, muscle twitching, and death. May damage developing fetus. personality changes of depression, anxiety or irritability. may affect the nervous system.	https://nj.gov/health/eoh/rtkweb/documents/fs/0733.pdf
Imidacloprid	skin or eye irritation, dizziness, breathlessness, confusion, or vomiting, trouble walking, develop tremors, and seem overly tired.	http://npic.orst.edu/factsheets/imidagen.html#:~:text=Farm%20workers%20reported%20skin%20or.containing%20imidacloprid%20to%20their%20pets
Metalaxyl	no unreasonable risks or adverse Conclusion effects to humans or the environment.	https://www3.epa.gov/pesticides/chem_search/reg_actions/reregistration/fs_PC-113501_1-Sep-94.pdf
Pyraclostrobin	interfere, inhibit or destroy the nervous system, immune system and endocrine system of animals and human body.	https://www.sciencedirect.com/topics/chemistry/pyraclostrobin
Tebuconazole	eye irritation.	https://s3-us-west-1.amazonaws.com/agrian-cg-fs1-production/pdfs/Tebuconazole 3.6F1d Label.pdf
Thiamethoxam	nausea, generalised tiredness and weakness :	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7335955/
Difenoconazole Isomer	vomiting tremor, and convulsion, diarrhea :	https://www.intechopen.com/chapters/19601
Fenpyroximate	nausea, vomiting, incoordination, convulsions, central nervous system depression and respiratory distress, bradycardia, and arrhythmia.	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7752586/
Indoxacarb	cyanosis, chocolate brown mucous membranes, dyspnea, lethargy, and coma.	https://www.sciencedirect.com/topics/agricultural-and-biological-sciences/indoxacarb
Pyriproxyfen	eye irritation :	http://npic.orst.edu/factsheets/pyriprogen.html
Pirimiphos methyl	headache, dizziness, blurred vision, tightness in the chest, sweating nausea and vomiting, diarrhea, muscle twitching, convulsions, coma and death.	https://nj.gov/health/eoh/rtkweb/documents/fs/1545.pdf
Diniconazole	skin and eye irritation, respiratory irritation, headache, dizziness, and nausea	https://chat.openai.com/c/a8489234-6a2a-4c7b-8eec-2499bd69cb5e
2,4-D	coughing, a burning feeling in the airway, and dizziness	http://npic.orst.edu/factsheets/24Dgen.html
Boscalid	changes in thyroid and liver	https://haz-map.com/Agents/3988
Clothianidin	lethargy, respiratory distress, reduced movement, and loss of balance with staggering followed by spasms	https://www.sciencedirect.com/topics/earth-and-planetary-sciences/clothianidin
Metribuzin	weakness fatigue, tremors, drowsiness	https://nj.gov/health/eoh/rtkweb/documents/fs/1302.pdf
Propamocarb	anorexia, diarrhea, and flatulence, ataxia, muscular contractions and prostration	https://www.sciencedirect.com/topics/agricultural-and-biological-sciences/propamocarb
Azoxystrobin	diarrhea, urinary incontinence, and salivation	https://www.federalregister.gov/documents/2015/05/01/2015-10149/azoxystrobin-pesticide-tolerances
Piperonyl butoxide	lower appetite, unsteady balance, watery eyes, irritable behavior, coma, and death	http://npic.orst.edu/factsheets/pbogen.html
Dimethomorph Isomer	do not pose an adverse health risk to humans	https://www3.epa.gov/pesticides/chem_search/reg_actions/registration/fs_PC-268800_30-Sep-98.pdf
Tricyclazole	moderate dizziness and nausea, vomiting and respiratory failure, death	https://www.sciencedirect.com/topics/chemistry/tricyclazole
Flutriafol	substantial but temporary eye injury	https://www3.epa.gov/pesticides/chem_search/ppls/000279-03588-20200221.pdf
Dinotefuran	lskin and eve irritation	https://www.sciencedirect.com/topics/veterinary-science-and-veterinary-medicine/dinotefuran