



Certificate of Analysis

Client: Contact Organic Report Date: 2-May-22

Sample Description: Herbicide Components

Sample ID#	Sample Description	Lot Number	Result
S9533	Contact Organic Boost	COT2020L03001	No Pesticides Detected
S9534	Contact Organic Weed Terminator 20	COT2020L09002	No Pesticides Detected

Notes:
 ND = Not Detected; result was below the limit of detection
 ng/g = nanogram per gram and may also be expressed as parts per billion (ppb)
 Limits of Detection (LODs) and Limits of Quantification (LOQs) vary by analyte and are available upon request.
 Trace: Conc. < 0.22 ng/ml

Pesticide Name	Limit of Detection ng/g
2,4-D	2.00
3-Hydroxycarbofuran	0.22
Acephate	0.22
Acetamiprid	0.22
Acetochlor	2.00
Acibenzolar-S-methyl	0.22
Alachlor	2.00
Alanycarb	0.22
Aldicarb	0.22
Aldicarb sulfone	0.22
Aldicarb sulfoxide	0.22
Ametryn	0.22
Aminocarb	0.22
Amitraz	0.22
Atrazine	2.00
Avermectin B1a	0.22
Avermectin B1b	0.22
Azoxystrobin	0.22
Benalaxyl	0.22
Bendiocarb	0.22
Benfuracarb	0.22
Benzoximate	0.22
Bifenazate	0.22
Bitertanol	0.22
Boscalid	0.22
Bromucanazole Isomer_1	0.22
Bromucanazole Isomer_2	0.22
Bupirimate	0.22
Buprofezin	0.22
Butafenacil	0.22
Butocarboxim	0.22
Butoxycarboxim	0.22
Carbaryl	0.22
Carbendazim	0.22
Carbetamide	0.22
Carbofuran	0.22
Carboxin	0.22
Carfentrazone-ethyl	0.22
Chlorantraniliprole	0.22
Chlorfluazuron	0.22
Chlorotoluron	0.22
Chloroxuron	0.22
Chlorpyrifos	2.00
Clethodim Isomer_1	0.22
Clethodim Isomer_2	0.22
Clofentezine	0.22
Clothianidin	0.22
Cyazofamid	0.22
Cycluron	0.22
Cymoxanil	0.22

Cyproconazole Isomer_1	0.22
Cyproconazole Isomer_2	0.22
Cyprodinil	0.22
Cyromazine	0.22
Desmedipham	0.22
Diazinon	2.00
Dicamba	2.00
Diclobutrazol	0.22
Dicrotophos	0.22
Diethofencarb	0.22
Difenoconazole Isomer_1	0.22
Difenoconazole Isomer_2	0.22
Diflubenzuron	0.22
Dimethoate	0.22
Dimethomorph Isomer_1	0.22
Dimethomorph Isomer_2	0.22
Dimoxystrobin	0.22
Diniconazole	0.22
Dinotefuran	0.22
Dioxacarb	0.22
Diuron	0.22
Doramectin	0.22
Emamectin-benzoate b1a	0.22
Emamectin-benzoate b1b	0.22
Epoxiconazole	0.22
Eprinomectin	0.22
Etaconazole Isomer_1	0.22
Etaconazole Isomer_2	0.22
Ethiofencarb	0.22
Ethiprole	0.22
Ethirimol	0.22
Ethofumesate	0.22
Etoxazole	0.22
Famoxadone	0.22
Fenamidone	0.22
Fenarimol	0.22
Fenazaquin	0.22
Fenbuconazole	0.22
Fenhexamid	0.22
Fenobucarb	0.22
Fenoxycarb	0.22
Fenpropimorph	0.22
Fenpyroximate	0.22
Fenuron	0.22
Fipronil	0.22
Flonicamid	0.22
Flubendiamide	0.22
Fludioxinil	0.22
Flufenacet	0.22
Flufenoxuron	0.22
Fluometuron	0.22
Fluoxastrobin	0.22
Fluquinconazole	0.22
Flusilazole	0.22
Flutolanil	0.22
Flutriafol	0.22
Forchlorfenuron	0.22
Formetanate HCl	0.22
Fuberidazole	0.22
Furalaxyl	0.22
Furathiocarb	0.22
Halofenozide	0.22
Hexaconazole	0.22
Hexaflumuron	0.22
Hexythiazox	0.22
Hydramethylnon	0.22
Imazalil	0.22
Imidacloprid	0.22
Indoxacarb	0.22
Ipconazole Isomer_1	0.22
Ipconazole Isomer_2	0.22
Iprovalicarb Isomer_1	0.22
Iprovalicarb Isomer_2	0.22
Isocarbofos	0.22

Isoprocarb	0.22
Isoproturon	0.22
Ivermectin	0.22
Kresoxim-methyl	0.22
Linuron	0.22
Lufenuron	0.22
Malathion	2.00
Mandipropamid	0.22
Mefenacet	0.22
Mepanipirim	0.22
Mepronil	0.22
Mesotrione	0.22
Metaflumizone	0.22
Metalaxyl	0.22
Metconazole	0.22
Methabenzthiazuron	0.22
Methamidophos	0.22
Methiocarb	0.22
Methomyl	0.22
Methoprotryne	0.22
Methoxyfenozide	0.22
Metolachlor	2.00
Metribuzin	0.22
Mevinphos Isomer_1	0.22
Mevinphos Isomer_2	0.22
Mexacarbate	0.22
Monocrotophos	0.22
Monolinuron	0.22
Moxidectin	0.22
Myclobutanil	0.22
Neburon	0.22
Nitenpyram	0.22
Novaluron	0.22
Nuarimol	0.22
Omethoate	0.22
Oxadixyl	0.22
Oxamyl	0.22
Paclobutrazol	0.22
Penconazole	0.22
Pencycuron (Monceren)	0.22
Pendimethalin	2.00
Phenmedipham	0.22
Picoxystrobin	0.22
Piperonyl butoxide	0.22
Pirimicarb	0.22
Prochloraz	0.22
Promecarb	0.22
Prometon	0.22
Prometryne	0.22
Propamocarb	0.22
Propargite	0.22
Propham	0.22
Propiconazole Isomer_1	0.22
Propiconazole Isomer_2	0.22
Propoxur	0.22
Prothioconazole	0.22
Pymetrozine	0.22
Pyracarbolid	0.22
Pyraclostrobin	0.22
Pyridaben	0.22
Pyrimethanil	0.22
Pyriproxyfen	0.22
Quinoxifen	0.22
Rotenone	0.22
Secbumeton	0.22
Siduron	0.22
Simazine	2.00
Simetryn	0.22
Spinetoram	0.22
Spinosad (Spinosyn A)	0.22
Spinosad (Spinosyn D)	0.22
Spirodiclofen	0.22
Spiromesifen	0.22
Spirotetramat	0.22

Spiroxamine Isomer_1	0.22
Spiroxamine Isomer_2	0.22
Sulfentrazone	0.22
Tebuconazole	0.22
Tebufenozide	0.22
Tebufenpyrad	0.22
Tebuthiuron	0.22
Teflubenzuron	0.22
Temephos	0.22
Terbumeton	0.22
Terbutryn	0.22
Tetraconazole	0.22
Thiabendazole	0.22
Thiacloprid	0.22
Thiamethoxam	0.22
Thidiazuron	0.22
Thiobencarb	0.22
Thiofanox	0.22
Thiophanate-methyl	0.22
Triadimefon	0.22
Triadimenol	0.22
Trichlorfon	0.22
Tricyclazole	0.22
Trifloxystrobin	0.22
Triflumizole	0.22
Triflumuron	0.22
Triticonazole	0.22
Vamidotion	0.22
Zoxamide	0.22
Glyphosate	0.05
AMPA	0.05

<p>Out of the 228 compounds analyzed, the following 13 compounds were not detectable or were detectable at reduced sensitivity, leaving a total of 215 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.</p>	<p>List of Herbicides that were among the 230 analytes tested in the Pesticide Multi Residue Method</p>
<p>Benfuracarb Butocarboxim Carbofuran Ethofumesate Famoxadone Fipronil Fludioxinil Mesotrione Propham Teflubenzuron Trichlorfon Dicamba 24D</p>	<p>Acetochlor Alachlor Atrazine Carbetamide Chlorotoluron Desmedipham Diuron Fenuron Flufenacet Fluometuron Isoproturon Linuron Methabenzthiazuron Methamidophos Methoprotryne Metolachlor Metribuzin Monolinuron Monolinuron Neburon Pendimethalin Phenmedipham Simazine Tebuthiuron Thidiazuron</p>

Released on Behalf of HRI Laboratories by

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