

CERTIFICATE OF ANALYSIS

CS0068_192021_001_P

Pesticides

Client Sample ID: **28IOS10009**

Root Bioscience

Sample Description: **Isolate**

951 Aviation Pkwy, Ste.900

Received sample: **10-Jan-19**

Morrisville, NC 27560

Initiated analyses: **11-Jan-19**

Attn: Miles Wright

Analyst: Steve Werness	Signature: <i>Steve Werness</i>	Date: 13 Jan 19
Reviewed by: Jacob Edwards	Signature: <i>Jacob Edwards</i>	Date: 14 Jan 19

Analysis of concentration (conc.) of Pesticides in customer supplied material with UHPLC-MS/MS.

Results:

Pesticide	Conc. Detected	LOQ ppb	Pesticide	Conc. Detected	LOQ ppb	Pesticide	Conc. Detected	LOQ ppb	Pesticide	Conc. Detected	LOQ ppb
3-hydroxycarbofuran	ND	10	Dimethomorph	ND	10	Linuron	ND	10	Pyrethrin I	ND	30
Acephate	ND	100	Dimoxystrobin	ND	10	Malathion	ND	10	Pyrethrin II	ND	30
Acequinocyl	ND	30	Diniconazole	ND	10	Mandipropamid	ND	10	Pyridaben	ND	10
Acetamiprid	ND	10	Dinotefuran	ND	10	Mefenacet	ND	10	Pyriproxyfen	ND	10
Aldicarb	ND	100	Diuron	ND	10	Mepanipyrim	ND	10	Quinoxifen	ND	10
Aldicarb Sulfoxide	ND	10	Emamectin B1a	ND	10	Mepronil	ND	10	Rotenone	ND	10
Aldoxycarb	ND	10	Epoxiconazole	ND	10	Metaflumizone	ND	10	Siduron	ND	10
Aminocarb	ND	10	Ethiofencarb	ND	10	Metalaxyl	ND	10	Spinetoram	ND	10
Azoxystrobin	ND	10	Ethiprole	ND	10	Metconazole	ND	10	Spinosyn A	ND	10
Benalaxyl	ND	10	Ethoprophos	ND	10	Methabenzthiazuron	ND	10	Spinosyn D	ND	10
Bendiocarb	ND	10	Etoxazole	ND	10	Methamidophos	ND	10	Spiromesifen	ND	30
Bifenazate	ND	10	Fenamidone	ND	10	Methiocarb	ND	10	Spirotetramat	ND	10
Bitertanol	ND	10	Fenarimol	ND	10	Methomyl	ND	10	Sulfentrazone	ND	10
Boscalid	ND	10	Fenazaquin	ND	10	Methoprotryne	ND	10	Tebuconazole	ND	10
Bromuconazole Isome	ND	10	Fenbuconazole	ND	10	Methoxyfenozide	ND	10	Tebufenozide	ND	10
Bromuconazole Isome	ND	10	Fenhexamid	ND	10	Methyl parathion	ND	30	Tebufenpyrad	ND	10
Bupirimate	ND	10	Fenobucarb	ND	10	Metobromuron	ND	10	Tebuthiuron	ND	10
Butafenacil	ND	10	Fenoxycarb	ND	10	Metribuzin	ND	10	Temephos	ND	10
Captan	ND	30	Fenpyroximate	ND	10	Mevinphos	ND	10	Tetraconazole	ND	10
Carbaryl	ND	10	Fenuron	ND	10	Mexacarbate	ND	10	Thiacloprid	ND	10
Carbendazim	ND	10	Fipronil	ND	10	Monocrotophos	ND	10	Thiamethoxam	ND	10
Carbetamide	ND	10	Fonicamid	ND	30	Monolinuron	ND	10	Thidiazuron	ND	10
Carbofuran	ND	10	Fluazinam	ND	10	Myclobutanil	ND	10	Thiobencarb	ND	10
Carboxin	ND	10	Fludioxonil	ND	10	Neburon	ND	10	Thiophanate-methyl	ND	10
Carfentrazone-ethyl	ND	30	Flufenacet	ND	10	Nitenpyram	ND	10	Triadimefon	ND	10
Chloanthraniliprole	ND	10	Fluometuron	ND	10	Novaluron	ND	10	Triadimenol	ND	10
Chlorotoluron	ND	10	Fluoxastrobin	ND	10	Omethoate	ND	10	Trichlorfon	ND	10
Chloroxuron	ND	10	Fluquinconazole	ND	30	Oxadixyl	ND	10	Tricyclazole	ND	10
Chlorpyrifos	ND	10	Flusilazole	ND	10	Oxamyl	ND	10	Trifloxystrobin	ND	10
Clethodim Isomer 1	ND	30	Flutolanil	ND	10	Paclobutrazol	ND	10	Triflumizole	ND	10
Clethodim Isomer 2	ND	10	Flutraifol	ND	10	Penconazole	ND	10	Triflumuron	ND	10
Clofentazine	ND	10	Formetanate	ND	10	Pentachlorobenzene	ND	10	Triticonazole	ND	10
Clothianidin	ND	10	Flubendiazole	ND	10	Picoxystrobin	ND	10	Vamidothion	ND	10
Coumaphos	ND	10	Furalaxyl	ND	10	Piperonyl Butoxide	ND	10	Zoxamide	ND	10
Cyazofamid	ND	10	Furathiocarb	ND	10	Pirimicarb	ND	10			
Cycluron	ND	10	Hexaconazole	ND	10	Prallethrin	ND	10			
Cyproconazole	ND	10	Hexaflumuron	ND	10	Prochloraz	ND	10			
Cyromazine	ND	10	Hexythiazox	ND	10	Promecarb	ND	10			
Daminozide	ND	10	Imazalil	ND	10	Prometon	ND	10			
Diazinon	ND	10	Imidacloprid	ND	10	Propamocarb	ND	10			
Dichlorvos	ND	100	Indoxacarb	ND	10	Propargite	ND	100			
Dicrotophos	ND	10	Ipconazole	ND	10	Propiconazole	ND	10			
Diethofencarb	ND	10	Iprovalicarb	ND	10	Propoxur	ND	10			
Difenoconazole	ND	10	Isoprocarb	ND	10	Pymetrozine	ND	10			
Diflubenzuron	ND	10	Isoproturon	ND	10	Pyracarbolid	ND	10			
Dimethoate	ND	10	Kresoxym-methyl	ND	10	Pyraclostrobin	ND	10			

ND = not detected above the LOQ (limit of quantitation)

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