



Agriculture and Food Testing Solutions

CERTIFICATE OF ANALYSIS

Certificate ID: CS0068_18802_001_P
Client Sample ID: 181015A
Sample Description: Decarb 10/22
Receive sample: 24-Oct-18
Initiate analyses: 27-Oct-18

Root Bioscience
951 Aviation Pkwy, Ste. 900
Morrisville, NC 27560
Attn: Miles Wright

Analyst: Jacob Edwards	Signature:	Date: 30-OCT-18
Reviewed by:	Signature:	Date: 30 Oct 18

Analysis requested: Analysis of concentration of Pesticides in customer supplied material

Results:

Pesticide	Concentration Detected	Pesticide	Concentration Detected	Pesticide	Concentration Detected	Pesticide	Concentration Detected
3-hydroxycarbofuran	<10.0 ppb	Diethofencarb	<10.0 ppb	Iprovalicarb	<10.0 ppb	Pyraclostrobin	<10.0 ppb
Acephate	<100.0 ppb	Difenoconazole	<10.0 ppb	Isoprocarb	<10.0 ppb	Pyrethrin I	<100.0 ppb
Acequinocyl	<30.0 ppb	Diflubenzuron	<10.0 ppb	Isoproturon	<10.0 ppb	Pyrethrin II	<10.0 ppb
Acetamiprid	<10.0 ppb	Dimethoate	<10.0 ppb	Kresoxym-methyl	<10.0 ppb	Pyridaben	<10.0 ppb
Aldicarb	<10.0 ppb	Dimethomorph	<10.0 ppb	Linuron	<10.0 ppb	Pyriproxyfen	<10.0 ppb
Aldicarb Sulfoxide	<10.0 ppb	Dimoxystrobin	<10.0 ppb	Mandipropamid	<10.0 ppb	Quinoxifen	<10.0 ppb
Aldoxycarb	<30.0 ppb	Diniconazole	<10.0 ppb	Mefenacet	<10.0 ppb	Rotenone	<10.0 ppb
Aminocarb	<10.0 ppb	Dinotefuran	<10.0 ppb	Mepanipyrim	<10.0 ppb	Siduron	<10.0 ppb
Azoxystrobin	<10.0 ppb	Diuron	<10.0 ppb	Mepronil	<10.0 ppb	Spinetoram	<10.0 ppb
Benalaxyl	<10.0 ppb	Emamectin B1a	<10.0 ppb	Metalaxyl	<10.0 ppb	Spinosad A	401.2 ppb
Bendiocarb	<10.0 ppb	Epoxiconazole	<10.0 ppb	Metconazole	<10.0 ppb	Spinosyn D	148.2 ppb
Bifenazate	<10.0 ppb	Ethiofencarb	<10.0 ppb	Methabenzthiazuron	<10.0 ppb	Spiromesifen	<100.0 ppb
Bifenthrin	<10.0 ppb	Ethiprole	<10.0 ppb	Methamidophos	<10.0 ppb	Spirotetramat	<10.0 ppb
Bitertanol	<10.0 ppb	Ethoprophos	<10.0 ppb	Methiocarb	<10.0 ppb	Spiroxamine	<10.0 ppb
Boscalid	<10.0 ppb	Etoxazole	<10.0 ppb	Methomyl	<10.0 ppb	Sulfentrazone	<10.0 ppb
Bromuconazole Isomer 1	<10.0 ppb	Fenamidone	<10.0 ppb	Methoprotryne	<10.0 ppb	Tebuconazole	<10.0 ppb
Bromuconazole Isomer 2	<10.0 ppb	Fenarimol	<10.0 ppb	Methoxyfenozide	<10.0 ppb	Tebufenozide	<10.0 ppb
Bupirimate	<10.0 ppb	Fenazaquin	<10.0 ppb	Methyl Parathion	<10.0 ppb	Tebufenyprad	<10.0 ppb
Butafenacil	<10.0 ppb	Fenbuconazole	<10.0 ppb	Metobromuron	<10.0 ppb	Tebuuthiuron	<10.0 ppb
Captan	<30.0 ppb	Fenhexamid	<10.0 ppb	Metribuzin	<10.0 ppb	Temephos	<10.0 ppb
Carbaryl	<10.0 ppb	Fenobucarb	<10.0 ppb	Mevinphos	<10.0 ppb	Tetraconazole	<10.0 ppb
Carbendazim	<10.0 ppb	Fenoxycarb	<10.0 ppb	Mexacarbate	<10.0 ppb	Thiacloprid	<10.0 ppb
Carbetamide	<10.0 ppb	Fenpyroximate	<10.0 ppb	Monocrotophos	<10.0 ppb	Thiamethoxam	<10.0 ppb
Carbofuran	<10.0 ppb	Fenuron	<10.0 ppb	Monolinuron	<10.0 ppb	Thidiazuron	<10.0 ppb
Carboxin	<10.0 ppb	Fipronil	<10.0 ppb	Myclobutanil	<10.0 ppb	Thiobencarb	<10.0 ppb
Carfentrazone-ethyl	<100.0 ppb	Flonicamid	<10.0 ppb	Neburon	<10.0 ppb	Thiophanate-methyl	<10.0 ppb
Chlorantraniliprole	117.6 ppb	Fluazinam	<10.0 ppb	Nitenpyram	<10.0 ppb	Triadimefon	<10.0 ppb
Chlordane	<10.0 ppb	Fludioxonil	<10.0 ppb	Novaluron-H	<10.0 ppb	Triadimenol	<10.0 ppb
Chlorotoluron	<10.0 ppb	Flufenacet	<10.0 ppb	Ormethoate	<10.0 ppb	Trichlorfon	<10.0 ppb
Chloroxuron	<10.0 ppb	Fluometuron	<10.0 ppb	Oxadixyl	<10.0 ppb	Tricyclazole	<10.0 ppb
Chlorpyrifos	<30.0 ppb	Fluoxastrobin	<10.0 ppb	Oxamyl	<10.0 ppb	Trifloxystrobin	<10.0 ppb
Clethodim Isomer 1	<100.0 ppb	Fluquinconazole	<10.0 ppb	Pacllobutrazol	<10.0 ppb	Triflumizole	<10.0 ppb
Clethodim Isomer 2	<10.0 ppb	Flusilazole	<10.0 ppb	Penconazole	<10.0 ppb	Triflumuron	<10.0 ppb
Clofentazine	<10.0 ppb	Flutolanil	<10.0 ppb	Pentachlorobenzene	<10.0 ppb	Triticonazole	<10.0 ppb
Clothianidin	<10.0 ppb	Flutrafol	<10.0 ppb	Picoxystrobin	<10.0 ppb	Vamidothion	<10.0 ppb
Coumaphos	<10.0 ppb	Formetanate	<10.0 ppb	Piperonyl Butoxide	<10.0 ppb	Zoxamide	<10.0 ppb
Cyazofamid	<10.0 ppb	Fuberidiazole	<10.0 ppb	Pirimicarb	<10.0 ppb		
Cyfluron	<10.0 ppb	Furalaxyl	<10.0 ppb	Prallethrin	<30.0 ppb		
Cyfluthrin	<10.0 ppb	Furathiocarb	<10.0 ppb	Prochloraz	<10.0 ppb		
Cypermethrin	<10.0 ppb	Hexaconazole	<10.0 ppb	Promecarb	<10.0 ppb		
Cyproconazole	<10.0 ppb	Hexaflumuron	<10.0 ppb	Prometon	<10.0 ppb		
Cyromazine	<10.0 ppb	Hexythiazox	<10.0 ppb	Propamocarb	<10.0 ppb		
Daminozide	<30.0 ppb	Imazalil	<10.0 ppb	Propiconazole	<10.0 ppb		
Diazinon	<10.0 ppb	Imidacloprid	<10.0 ppb	Propoxur	<10.0 ppb		
Dichlorvos	<10.0 ppb	Indoxacarb	<10.0 ppb	Pymetrozine	<10.0 ppb		
Dicrotophos	<10.0 ppb	Ipconazole	<10.0 ppb	Pyracarbolid	<10.0 ppb		

*NR: Not reportable due to interference

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