

Analytical Report

April 17, 2018

Client: Sheri McLane
 IAS Laboratories
 2515 East University Dr.
 Phoenix, AZ 85034
Phone: (602) 273-7248
Fax: (602) 275-3836
Email: sheri@iaslabs.com

Project No:

PO No: 6659269

Client Sample ID: TGSCOM4.3.18
Lab #: 578

EMA Sample No: 18040916-01

Date Received: 4/9/2018

Sample Matrix: Soil

Analytical Method: LC/MS/MS A-Cu

Extraction Method: FDA 302

Date Extracted: 4/13/2018

Date Completed: 4/16/2018

Analyte	Amount	RL ppm	Tolerance ppm
3-Hydroxycarbofuran	ND	0.010	
Acephate	ND	0.010	
Acetamiprid	ND	0.010	
Acetochlor	ND	0.010	
Acibenzolar-S-methyl	ND	0.010	
Alachlor	ND	0.010	
Alanycarb	ND	0.010	
Aldicarb	ND	0.010	
Aldicarb-sulfone	ND	0.010	
Aldicarb-sulfoxide	ND	0.010	
Ametryn	ND	0.010	
Amicarbazone	ND	0.010	
Aminocarb	ND	0.010	
Aspon	ND	0.010	
Atrazine	ND	0.010	
Avermectin	ND	0.010	
Azinphos-methyl	ND	0.010	
Azoxystrobin	ND	0.010	
BAP(6-benzylaminopurine)	ND	0.010	
Benalaxyl	ND	0.010	
Bendiocarb	ND	0.010	
Benfuracarb	ND	0.010	
Bensulide	ND	0.010	
Benzoximate	ND	0.010	
Bifenazate	ND	0.010	
Bitertanol	ND	0.010	
Boscalid	ND	0.010	
Bromuconazole	ND	0.010	
Bupirimate	ND	0.010	
Buprofezin	ND	0.010	
Butachlor	ND	0.010	
Butafenacil	ND	0.010	
Butocarboxim	ND	0.010	
Butoxycarboxim	ND	0.010	
Carbaryl	ND	0.010	
Carbendazim	ND	0.010	
Carbetamide	ND	0.010	
Carbofuran	ND	0.010	
Carbosulfan	ND	0.010	
Carboxine	ND	0.010	
Carfentrazone-ethyl	ND	0.010	
Chlorantraniliprole	ND	0.010	
Chlordimeform	ND	0.010	
Chlorfenvinphos	ND	0.010	
Chlorfluazuron	ND	0.010	
Chlorimuron-ethyl	ND	0.010	
Chloroxuron	ND	0.010	
Chlorpyrifos	ND	0.010	
Chlorpyrifos-methyl	ND	0.010	
Chlortoluron	ND	0.010	
Clethodim	ND	0.010	
Clofentezine	ND	0.010	
Clothianidin	ND	0.010	
Coumaphos	ND	0.010	
Crotoxyphos	ND	0.010	
Cumyluron	ND	0.010	

Comments:

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 ND = None Detected at the Reporting Limit (RL)
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Sample Matrix: Soil

Analytical Method: LC/MS/MS Cy-Fe

Extraction Method: FDA 302

Date Extracted: 4/13/2018

Date Completed: 4/16/2018

Analyte	Amount	RL ppm	Tolerance ppm
Cyanazine	ND	0.010	
Cyazofamid	ND	0.010	
Cycloxydim	ND	0.010	
Cycluron	ND	0.010	
Cyflufenamid	ND	0.010	
Cyhexatin	ND	0.010	
Cymoxanil	ND	0.010	
Cyproconazole	ND	0.010	
Cyprodinil	ND	0.010	
Cyromazine	ND	0.010	
Daimuron	ND	0.010	
Diafenthiuron	ND	0.010	
Diazinon	ND	0.010	
Dichlorvos	ND	0.010	
Diclobutrazol	ND	0.010	
Dicrotophos	ND	0.010	
Diethofencarb	ND	0.010	
Difenoconazole	ND	0.010	
Diflubenzuron	ND	0.010	
Dimethenamide	ND	0.010	
Dimethoate	ND	0.010	
Dimethomorph	ND	0.010	
Dimoxystrobin	ND	0.010	
Diniconazole	ND	0.010	
Dinotefuran	ND	0.010	
Dioxacarb	ND	0.010	
Diuron	ND	0.010	
DMST	ND	0.010	
Dodine	ND	0.010	
Doramectin	ND	0.010	
Emamectin	ND	0.010	
EPN	ND	0.010	
Epoxiconazole	ND	0.010	
Eprinomectin	ND	0.010	
Esprocarb	ND	0.010	
Etaconazole	ND	0.010	
Ethidimuron	ND	0.010	
Ethiofencarb	ND	0.010	
Ethiofencarb-sulfoxide	ND	0.010	
Ethion	ND	0.010	
Ethiprole	ND	0.010	
Ethirimol	ND	0.010	
Ethofumesate	ND	0.010	
Ethoprop	ND	0.010	
Etobenzanid	ND	0.010	
Ettoxazole	ND	0.010	
Famoxadone	ND	0.010	
Famphur	ND	0.010	
Fenamidone	ND	0.010	
Fenarimol	ND	0.010	
Fenazaquin	ND	0.010	
Fenbuconazole	ND	0.010	
Fenbutatin Oxide	ND	0.010	
Fenhexamid	ND	0.010	
Fenobucarb	ND	0.010	
Fenoxycarb	ND	0.010	
Fenpropimorph	ND	0.010	
Fensulfothion	ND	0.010	
Fenuron	ND	0.010	

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Lab #: 578

EMA Sample No: 18040916-01

Date Received: 4/9/2018

Sample Matrix: Soil

Analytical Method: LC/MS/MS FI-Mep

Extraction Method: FDA 302

Date Extracted: 4/13/2018

Date Completed: 4/16/2018

Analyte	Amount	RL ppm	Tolerance ppm
Flonicamid	ND	0.010	
Fluazifop-butyl	ND	0.010	
Flubendiamide	ND	0.010	
Fludioxinil	ND	0.010	
Flufenacet	ND	0.010	
Flufenoxuron	ND	0.010	
Fluometuron	ND	0.010	
Flupicolide	ND	0.010	
Fluopyram	ND	0.010	
Fluoxastrobin	ND	0.010	
Flupyradifurone	ND	0.010	
Fluquinconazole	ND	0.010	
Fluridone	ND	0.010	
Flusilazole	ND	0.010	
Flutolanil	ND	0.010	
Flutriafof	ND	0.010	
Fluxapyroxad	ND	0.010	
Fomesafen	ND	0.010	
Forchlorfenuron	ND	0.010	
Formetanate	ND	0.010	
Fuberidazole	ND	0.010	
Furalaxyl	ND	0.010	
Halofenozide	ND	0.010	
Hexaconazole	ND	0.010	
Hexaflumuron	ND	0.010	
Hexazinone	ND	0.010	
Hexythiazox	ND	0.010	
Hydramethylnon	ND	0.010	
Imazalil	ND	0.010	
Imibenconazole	ND	0.010	
Imidacloprid	ND	0.010	
Indaziflam	ND	0.010	
Indoxacarb	ND	0.010	
Ipconazole	ND	0.010	
Iprovalicarb	ND	0.010	
Isocarbamid	ND	0.010	
Isfenphos	ND	0.010	
Isoprocarb	ND	0.010	
Isoprothiolane	ND	0.010	
Isoproturon	ND	0.010	
Ivermectin	ND	0.010	
Karbutylate	ND	0.010	
Kresoxim-methyl	ND	0.010	
Lactofen	ND	0.010	
Linuron	ND	0.010	
Lufenuron	ND	0.010	
Malathion	ND	0.010	
Mandipropamid	ND	0.010	
Mefenacet	ND	0.010	
Mapanipyrim	ND	0.010	
Mepronil	ND	0.010	

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Client Sample ID: TGSCOM4.3.18
Lab #: 578

EMA Sample No: 18040916-01

Date Received: 4/9/2018

Sample Matrix: Soil

Analytical Method: LC/MS/MS Met-Pr

Extraction Method: FDA 302

Date Extracted: 4/13/2018

Date Completed: 4/16/2018

Analyte	Amount	RL ppm	Tolerance ppm
Metaflumizone	ND	0.010	
Metalaxyl & Mefenoxam	ND	0.010	
Metconazole	ND	0.010	
Methamidophos	ND	0.010	
Methfuroxam	ND	0.010	
Methidathion	ND	0.010	
Methiocarb	ND	0.010	
Methomyl	ND	0.010	
Methoprotiryne	ND	0.010	
Methoxyfenozide	ND	0.010	
Metobromuron	ND	0.010	
Metolachlor	ND	0.010	
Metoxuron	ND	0.010	
Metrafenone	ND	0.010	
Metribuzin	ND	0.010	
Mevinphos	ND	0.010	
Mexacarbate	ND	0.010	
Molinate	ND	0.010	
Monocropotophos	ND	0.010	
Monolinuron	ND	0.010	
Moxidectin	ND	0.010	
Myclobutanil	ND	0.010	
Napropamide	ND	0.010	
Neburon	ND	0.010	
Nitenpyram	ND	0.010	
Novaluron	ND	0.010	
Nuarimol	ND	0.010	
Omethoate	ND	0.010	
Oxadixyl	ND	0.010	
Oxamyl	ND	0.010	
Paclobutrazol	ND	0.010	
Penconazole	ND	0.010	
Pencycuron	ND	0.010	
Pendimethalin	ND	0.010	
Penthiopyrad	ND	0.010	
Phorate	ND	0.010	
Phosmet	ND	0.010	
Phoxim	ND	0.010	
Picoxystrobin	ND	0.010	
Piperonyl butoxide	ND	0.010	
Pirimicarb	ND	0.010	
Pirimiphos-methyl	ND	0.010	
Prochloraz	ND	0.010	
Profenofos	ND	0.010	
Promecarb	ND	0.010	
Prometon	ND	0.010	
Prometryn	ND	0.010	
Propachlor	ND	0.010	
Propamocarb	ND	0.010	
Propargite	ND	0.010	
Propazine	ND	0.010	
Propham	ND	0.010	
Propiconazole	ND	0.010	
Propoxur	ND	0.010	
Propyzamide	ND	0.010	
Proquinazid	ND	0.010	

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Lab #: 578

EMA Sample No: 18040916-01

Date Received: 4/9/2018

Sample Matrix: Soil

Analytical Method: LC/MS/MS Py-Z

Extraction Method: FDA 302

Date Extracted: 4/13/2018

Date Completed: 4/16/2018

Analyte	Amount	RL ppm	Tolerance ppm
Pymetrozin	ND	0.010	
Pyracarbolid	ND	0.010	
Pyraclostrobin	ND	0.010	
Pyraflufen-ethyl	ND	0.010	
Pyrethrins	ND	0.010	
Pyridaben	ND	0.010	
Pyridaphenthion	ND	0.010	
Pyrimethanil	ND	0.010	
Pyriproxyfen	ND	0.010	
Quinoxifen	ND	0.010	
Sebuthylazine	ND	0.010	
Secbumeton	ND	0.010	
Sedaxane	ND	0.010	
Sethoxydim	ND	0.010	
Siduron	ND	0.010	
Simazine	ND	0.010	
Simetryn	ND	0.010	
Spinetoram (J+L)	ND	0.010	
Spinosyn	ND	0.010	
Spirodiclofen	ND	0.010	
Spiromesifin	ND	0.010	
Spirotetramat	ND	0.010	
Spiroxamine	ND	0.010	
Sulfoxaflo	ND	0.010	
Tebuconazole	ND	0.010	
Tebufenozide	ND	0.010	
Tebufenpyrad	ND	0.010	
Tebupirimfos	ND	0.010	
Tebuthiuron	ND	0.010	
Temephos	ND	0.010	
Tepraloxydim	ND	0.010	
Terbumeton	ND	0.010	
Terbutryn	ND	0.010	
Tetraconazole	ND	0.010	
Thiabendazole	ND	0.010	
Thiacloprid	ND	0.010	
Thiamethoxam	ND	0.010	
Thidiazuron	ND	0.010	
Thiobencarb	ND	0.010	
Thiofanox	ND	0.010	
Thiophanate-methyl (as Carbendazim)	ND	0.010	
Triadimefon	ND	0.010	
Triadimenol	ND	0.010	
Triazophos	ND	0.010	
Tricyclazole	ND	0.010	
Tridemorph	ND	0.010	
Trifloxystrobin	ND	0.010	
Triflumizole	ND	0.010	
Triflumuron	ND	0.010	
Triticonazole	ND	0.010	
Uniconazole	ND	0.010	
Vamidothion	ND	0.010	
Zoxamide	ND	0.010	

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