



Applicant Identifier:
University of Maryland
National Honey Bee Survey
4112 Plant Sciences Building
College Park, MD 20742
Attn: Rachel Fahey

Sample Description: **Wax**
Date Received: **05/23/2019**
Date Completed: **08/13/2019**
Date Issued: **08/13/2019**
P.O. # **ACCT# 3284691 (NHBS)**
Method: **MET-104**

REPORT OF ANALYTICAL TEST RESULTS

Original Report

Applicant Sample ID: **AK-05-2018**

Laboratory ID: **AS21542**

Pesticide Residue	Result	LOD	Pesticide Residue	Result	LOD
	PPB	PPB		PPB	PPB
1-Naphthol	N.D.	500	Cyazofamid	N.D.	2
2,4-DMPF	N.D.	25	Cyflufenamid	N.D.	2
2,6-Dichlorobenzamide (BAM)	N.D.	5	Cyflumetofen	N.D.	10
3-hydroxycarbofuran	N.D.	5	Cyfluthrin	N.D.	25
4-OH-Chlorothalonil	N.D.	5	cyhalothrin lambda	N.D.	50
Acephate	N.D.	250	Cymiazole	N.D.	8
Acetamiprid	N.D.	8	Cymoxanil	N.D.	4
Acetochlor	N.D.	100	Cypermethrin	N.D.	25
Acrinathrin	N.D.	100	Cyphenothrin	N.D.	1000
Alachlor	N.D.	100	Cyprodinil	N.D.	3
Aldicarb	N.D.	8	DDE p,p'	N.D.	3
Aldicarb sulfone	N.D.	13	DEET	18	13
Aldicarb sulfoxide	N.D.	25	Deltamethrin	N.D.	50
Ametoctradin	N.D.	3	Diazinon	N.D.	25
Atrazine	N.D.	3	Diazinon oxon	N.D.	4
Avermectin	N.D.	313	Dichlorvos	N.D.	5
Azinphos methyl	N.D.	25	Dicloran	Trace	25
Azoxystrobin	N.D.	2	Dicofol	N.D.	150
Bensulide	N.D.	5	Difenoconazole	N.D.	4
Bentazone	N.D.	38	Diflubenzuron	N.D.	3
Bifenazate	N.D.	4	Dimethenamid	N.D.	4
Bifenthrin	N.D.	25	Dimethoate	N.D.	5
Boscalid	N.D.	5	Dimethomorph	N.D.	75
Bromacil	N.D.	10	Dinotefuran	N.D.	63
Bromopropylate	N.D.	25	Diphenamid	N.D.	3
Bromuconazole	N.D.	13	Diphenylamine	N.D.	3
Buprofezin	N.D.	2	Diuron	N.D.	5
Captan	N.D.	125	Endosulfan I	N.D.	25
Carbaryl	N.D.	5	Endosulfan II	N.D.	25
Carbendazim	N.D.	25	Endosulfan sulfate	N.D.	25
Carbofuran	N.D.	2	Epoxiconazole	N.D.	10
Carfentrazone-ethyl	N.D.	5	Esfenvalerate	N.D.	13
Chlorantraniliprole	N.D.	13	Ethion	N.D.	25
Chlorfenopyr	N.D.	13	Ethofenprox	N.D.	125
Chlorfenvinphos	N.D.	50	Ethofumesate	N.D.	15
Chlorothalonil	N.D.	50	Etoxazole	N.D.	1
Chlorpropham	N.D.	15	Famoxadone	N.D.	8
Chlorpyrifos	N.D.	5	Fenamidone	N.D.	25
Chlorpyrifos methyl	N.D.	20	Fenarimol	N.D.	63
Chlorthal-dimethyl	N.D.	3	Fenazaquin	N.D.	1
Clofentezine	N.D.	13	Fenbuconazole	N.D.	3
Clothianidin	N.D.	15	Fenhexamid	N.D.	23
Coumaphos	N.D.	5	Fenoxaprop-ethyl	N.D.	4
Coumaphos oxon	N.D.	1	Fenpropathrin	N.D.	25
Cyantraniliprole	N.D.	13	Fenpyroximate	Trace	3

LOD - Limit of Detection, N.A. - Not Analyzed, N.D. - Not Detected.

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Pesticide Residue	Result PPB	LOD PPB	Pesticide Residue	Result PPB	LOD PPB
Fipronil	N.D.	25	Prometon	N.D.	3
Fipronil sulfide	N.D.	5	Prometryn	N.D.	3
Fipronil sulfone	N.D.	25	Pronamide	N.D.	25
Flonicamid	N.D.	38	Propachlor	N.D.	25
Fludioxonil	N.D.	10	Propanil	N.D.	5
Flumeturon	N.D.	2	Propargite	6	5
Fluopicolide	N.D.	3	Propazine	N.D.	5
Fluopyram	N.D.	2	Propetamphos	N.D.	10
Fluoxastrobin	N.D.	2	Propiconazole	N.D.	13
Flupyradifurone	N.D.	5	Pymetrozine	N.D.	250
Fluridone	N.D.	1	Pyraclostrobin	N.D.	3
Flutriafol	N.D.	5	Pyridaben	N.D.	3
Fluvalinate	Trace	50	Pyrimethanil	N.D.	5
Fluxapyroxad	N.D.	2	Pyriproxyfen	N.D.	3
Hexazinone	N.D.	1	Quinoxifen	N.D.	2
Hexythiazox	N.D.	1	Quintozine	N.D.	5
Imazalil	N.D.	10	Resmethrin	N.D.	500
Imidacloprid	N.D.	5	Sethoxydim	N.D.	3
Indoxacarb	N.D.	5	Simazine	N.D.	20
Iprodione	N.D.	50	Spirodiclofen	N.D.	4
Kresoxim-methyl	N.D.	3	Spiromesifen	N.D.	38
Linuron	N.D.	13	Spirotetramat	N.D.	3
Malathion	N.D.	25	Sulfoxaflor	N.D.	10
Mandipropamide	N.D.	2	Tebuconazole	N.D.	25
Metalaxyl	N.D.	2	Tebufenozide	N.D.	1
Metconazole	N.D.	10	Tebuthiuron	N.D.	3
Methamidophos	N.D.	63	Tefluthrin	N.D.	5
Methidathion	N.D.	2	Tetraconazole	N.D.	5
Methomyl	N.D.	5	Tetradiafon	N.D.	10
Methoprene	N.D.	2500	Tetramethrin	N.D.	125
Methoxyfenozide	N.D.	2	Thiabendazole	N.D.	5
Metolachlor	N.D.	25	Thiacloprid	N.D.	3
Metribuzin	N.D.	13	Thiamethoxam	N.D.	10
Mgk-264	N.D.	20	THPI	N.D.	125
Momfluorothrin	N.D.	25	Thymol	N.D.	25
Myclobutanil	N.D.	15	Tolfenpyrad	N.D.	5
Norflurazon	N.D.	5	Triadimefon	N.D.	8
Norflurazon Desmethyl	N.D.	5	Triadimenol	N.D.	63
Novaluron	N.D.	5	Triazophos	N.D.	2
Omethoate	N.D.	100	Tribufos	N.D.	13
Oxamyl	N.D.	20	Trifloxystrobin	N.D.	2
Oxyfluorfen	N.D.	25	Triflumizole	N.D.	2
Parathion	N.D.	25	Trifluralin	N.D.	13
Parathion methyl	N.D.	25	Triticonazole	N.D.	38
Penconazole	N.D.	4	Vinclozolin	N.D.	5
Pendimethalin	N.D.	25			
Penthiopyrad	N.D.	2			
Permethrin	N.D.	50			
Phenothrin	N.D.	100			
Phorate	N.D.	50			
Phosalone	N.D.	25			
Phosmet	N.D.	50			
Phosmet Oa	N.D.	1			
Picoxystrobin	N.D.	2			
Piperonyl Butoxide	Trace	6			
Prallethrin	N.D.	13			
Prodiamine	N.D.	50			
Profenofos	N.D.	13			

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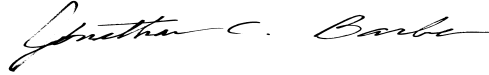
Laboratory ID: AS21542

	Result	LOD		Result	LOD
Pesticide Residue	PPB	PPB	Pesticide Residue	PPB	PPB

The information contained within this report of sample results is applicable only to the materials identified within and is, to the best of our ability and knowledge, accurate with regard to the client's specification. The laboratory shall not be responsible for errors due to the client's failure to provide information critical to the currency of contract specification and/or standards.

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Signature of Approving Official:



Jonathan C. Barber, Laboratory Supervisor

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