

Client Name, Sample Details
Cannoid, LLC
Denver, CO 80221
Sample: 112506
Type: Infused Product
Method: FE-52 (EN 15662 & AOAC 2007.01)
LC Instrument ID: ABI3200-MI1

Test Conditions
Prepsheet ID#: MIPS181213a
Scale: XS205-MI1
Temp: 21.6 °C
Baro PE: 976.1 hPa
Analyst: MEH
Technician: MEH

Sample ID#: 113741
Process Date: 12/10/2018
Serving Size (g): 1
Date Received: 12/11/2018
Test Date: 12/14/2018
Valid Through: 12/14/2019



Compound	MRL (µg/g)	LOD (µg/g)	Status (µg/g)	Compound	MRL (µg/g)	LOD (µg/g)	Status (µg/g)
Aldicarb	0.400	0.126	Pass/<LOD	Abamectin****	0.500	0.126	Pass/<LOD
Acephate	0.400	0.126	Pass/<LOD	Acequinocyl	2.000	0.252	Pass/<LOD
Acetamiprid	0.200	0.126	Pass/<LOD	Azoxystrobin	0.200	0.126	Pass/<LOD
Bifenazate	0.200	0.126	Pass/<LOD	Bifenthrin	0.200	0.126	Pass/<LOD
Boscalid	0.400	0.126	Pass/<LOD	Carbaryl	0.200	0.126	Pass/<LOD
Carbofuran	0.200	0.126	Pass/<LOD	Chlorantraniliprole	0.200	0.126	Pass/<LOD
Chlorfenapyr	1.000	0.505	Pass/<LOD	Chlorpyrifos	0.200	0.126	Pass/<LOD
Clofentezine	0.200	0.126	Pass/<LOD	Cyfluthrin**	1.000	0.505	Pass/<LOD
Cypermethrin***	1.000	0.505	Pass/<LOD	Daminozide	1.000	0.126	Pass/<LOD
DDVP (Dichlorvos)	1.000	0.252	Pass/<LOD	Diazinon	0.200	0.126	Pass/<LOD
Dimethoate	0.200	0.126	Pass/<LOD	Ethoprophos	0.200	0.126	Pass/<LOD
Etofenprox	0.400	0.126	Pass/<LOD	Etoxazole	0.200	0.126	Pass/<LOD
Fenoxycarb	0.200	0.126	Pass/<LOD	Fenproxiimate	0.400	0.126	Pass/<LOD
Fipronil	0.400	0.126	Pass/<LOD	Flonicamid	1.000	0.126	Pass/<LOD
Fludioxonil	0.400	0.126	Pass/<LOD	Hexythiazox	1.000	0.126	Pass/<LOD
Imazalil	0.200	0.126	Pass/<LOD	Imidacloprid	0.400	0.126	Pass/<LOD
Kresoxim Methyl	0.400	0.126	Pass/<LOD	Malathion	0.200	0.126	Pass/<LOD
Metalaxyl	0.200	0.126	Pass/<LOD	Methiocarb	0.200	0.126	Pass/<LOD
Methomyl	0.400	0.126	Pass/<LOD	Methyl Parathion	0.200	0.126	Pass/<LOD
MGK-264‡	0.200	0.126	Pass/<LOD	Myclobutanil	0.200	0.126	Pass/<LOD
Naled	0.500	0.126	Pass/<LOD	Oxamyl	1.000	0.126	Pass/<LOD
Paclobutrazol	0.400	0.126	Pass/<LOD	Permethrins†	0.200	0.126	Pass/<LOD
Phosmet	0.200	0.126	Pass/<LOD	Piperonyl Butoxide	2.000	0.126	Pass/<LOD
Prallethrin	0.200	0.126	Pass/<LOD	Propiconazole	0.400	0.126	Pass/<LOD
Propoxur	0.200	0.126	Pass/<LOD	Pyrethrins*	1.000	0.126	Pass/<LOD
Pyridaben	0.200	0.126	Pass/<LOD	Spinosad*****	0.200	0.126	Pass/<LOD
Spiromesifen	0.200	0.126	Pass/<LOD	Spirotetramat	0.200	0.126	Pass/<LOD
Spiroxamine‡	0.400	0.126	Pass/<LOD	Tebuconazole	0.400	0.126	Pass/<LOD
Fenoxycarb	0.200	0.126	Pass/<LOD	Thiamethoxam	0.200	0.126	Pass/<LOD
Trifloxystrobin	0.200	0.126	Pass/<LOD				

* Pyrethrins are reported as the sum of Jasmolin I, Cinerin I, and Pyrethrin I

** Cyfluthrins are reported as the sum of isomers Cyfluthrin I, II, III, and IV

*** Cypermethrins are reported as the sum of isomers Cypermethrin I, II, III, and IV

**** Abamectin is reported as the sum of Avermectin B1a and Avermectin B1b

***** Spinosad is reported as the sum of Spinosyn A and Spinosyn D

† Permethrin and Prallethrin are reported as the sum of cis and trans isomers

‡ MGK-264 and Spiroximine are reported as the sum of isomers I and II

MRL - Maximum Residue Limit; LOD - Limit of Detection

Sample was sampled and tested in accordance with the Safety Compliance Facility Information published on September 28, 2018.

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Mackenzie E. Hyman, Quality Manager




Andrea C. Ruppel, Lab Manager

Tested by Iron Laboratories Michigan, 1825 E. West Maple Walled Lake, MI 48390

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Target Compound Name	Method Blank (µg/g)	QC Spike (µg/g)	Matrix Spike (µg/g)	Matrix Spike Duplicate (µg/g)	MS recovery%	MSD recovery%	Relative Percent Difference (%)	QC Flag
Acephate	N.D.	1	0.782	0.725	78.20	72.50	7.56	
Acequinocyl	N.D.	1	0.802	0.735	80.20	73.50	8.72	
Acetamiprid	N.D.	1	0.923	0.901	92.30	90.10	2.41	
Aldicarb	N.D.	1	0.974	0.954	97.40	95.40	2.07	
Avermectin B1a	N.D.	0.97	1.2	1.17	123.71	120.62	2.53	
Azoxystrobin	N.D.	1	1.24	1.21	124.00	121.00	2.45	
Bifenazate	N.D.	1	0.598	0.592	59.80	59.20	1.01	
Bifenthrin	N.D.	1	1.02	1.09	102.00	109.00	6.64	
Boscalid	N.D.	1	1.12	1.05	112.00	105.00	6.45	
Carbaryl	N.D.	1	0.94	0.965	94.00	96.50	2.62	
Carbofuran	N.D.	1	0.95	1.04	95.00	104.00	9.05	
Chlorantraniliprole	N.D.	1	0.989	0.936	98.90	93.60	5.51	
Chlorfenapyr	N.D.	1	1.14	1.05	114.00	105.00	8.22	
Chlorpyrifos	N.D.	1	1.25	1.15	125.00	115.00	8.33	
Clofentezine	N.D.	1	1.15	1.05	115.00	105.00	9.09	
Cyfluthrin	N.D.	1	1.06	1.09	106.00	109.00	2.79	
Cypermethrin	N.D.	1	0.347	0.351	34.70	35.10	1.15	LR
Daminoside	N.D.	1	0.785	0.917	78.50	91.70	15.51	
Diazanone	N.D.	1	1.2	1.14	120.00	114.00	5.13	
Dichlorvos	N.D.	1	1.02	1.09	102.00	109.00	6.64	
Dimethoate	N.D.	1	1.02	1.03	102.00	103.00	0.98	
Ethoprophos	N.D.	1	1.15	1.17	115.00	117.00	1.72	
Etofenprox	N.D.	1	0.937	0.942	93.70	94.20	0.53	
Etoxazole	N.D.	1	1.16	1.25	116.00	125.00	7.47	
Fenoxycarb	N.D.	1	1.26	1.25	126.00	125.00	0.80	
Fenpyroximate	N.D.	1	0.471	0.49	47.10	49.00	3.95	LR
Fipronil	N.D.	1	1.28	1.23	128.00	123.00	3.98	
Flonicamid	N.D.	1	1.15	1.05	115.00	105.00	9.09	
Fludioxonil	N.D.	1	0.985	1.04	98.50	104.00	5.43	
Hexythiazox	N.D.	1	1.21	1.25	121.00	125.00	3.25	
Imazalil	N.D.	1	0.755	0.751	75.50	75.10	0.53	
Imidacloprid	N.D.	1	1.18	1.1	118.00	110.00	7.02	
Kresoxim-methyl	N.D.	1	1.21	1.13	121.00	113.00	6.84	
Malathion	N.D.	1	1.15	1.11	115.00	111.00	3.54	
Metalaxyl	N.D.	1	1.25	1.28	125.00	128.00	2.37	
Methiocarb	N.D.	1	1.16	1.18	116.00	118.00	1.71	
Methomyl	N.D.	1	1.14	1.24	114.00	124.00	8.40	
MGK-264	N.D.	1	1.15	1.1	115.00	110.00	4.44	
Myclobutanil	N.D.	1	1.2	1.26	120.00	126.00	4.88	
Naled (dibrom)	N.D.	1	0.862	0.82	86.20	82.00	4.99	
Oxamyl	N.D.	1	1.01	0.999	101.00	99.90	1.10	
Paclobutrazol	N.D.	1	1.13	1.11	113.00	111.00	1.79	

Parathion-methyl	N.D.	1	1.22	1.09	122.00	109.00	11.26	
Permethrins	N.D.	1	0.539	1.03	53.90	103.00	62.59	LRQ
Phosmet	N.D.	1	1.18	1.19	118.00	119.00	0.84	
Piperonyl butoxide	N.D.	1	1.29	1.19	129.00	119.00	8.06	
Prallethrin	N.D.	1	1.19	1.21	119.00	121.00	1.67	
Propiconazole	N.D.	1	1.09	1.07	109.00	107.00	1.85	
Propoxur	N.D.	1	1.24	1.18	124.00	118.00	4.96	
Pyrethrin	N.D.	0.65	0.828	0.793	127.38	122.00	4.32	
Pyridaben	N.D.	1	0.382	1.1	38.20	110.00	96.90	LRQ
SpinosynA	N.D.	0.84	0.818	0.824	97.38	98.10	0.73	
SpinosynD	N.D.	0.16	0.176	0.176	110.00	110.00	0.00	
Spiromesifen	N.D.	1	0.207	0.232	20.70	23.20	11.39	LR
Spirotetramat	N.D.	1	1.25	1.19	125.00	119.00	4.92	
Spiroxamine	N.D.	1	1.22	1.22	122.00	122.00	0.00	
Tebuconazole	N.D.	1	0.988	0.931	98.80	93.10	5.94	
Thiacloprid	N.D.	1	1.08	1	108.00	100.00	7.69	
Thiamethoxam	N.D.	1	1.25	1.29	125.00	129.00	3.15	
Trifloxystrobin	N.D.	1	1.14	1.04	114.00	104.00	9.17	

N.D. = Not Detected

I = indicates that an amount of an interfering compound greater than the methods limit of detection was detected in the method blank sample. May indicate contamination of analytical system or consumables.

Q = indicates that the relative percent difference of two identically prepared Matrix Spike samples for a target analyte was greater than 20%

R = indicates compound recovery of matrix spike was outside the methods acceptable limits. (70-130%) Low recovery could indicate there is actually more compound present than detected; while high recoveries should be scrutinized for possible fails as more compound may be detected than is actually residual on the sample.

Sample was sampled and tested in accordance with the Safety Compliance Facility Information published on September 28, 2018.

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Mackenzie E. Hyman, Quality Manager




Andrea C. Ruppel, Lab Manager

Tested by Iron Laboratories Michigan, 1825 E. West Maple Walled Lake, MI 48390