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Sample Level Up - Zour Apple

Sample ID SD230807-034 (82311)		Matrix Edible (Other Cannabis Good)		
Tested for Cali Extrax				
Sampled -	Received Aug 07, 2023	Reported Aug 16, 20	23	
Analyses executed FP-NI20	Unit Mass (g) 136.39	Num. of Servings 25	Serving Size (g) 5.46	

Laboratory note: The estimated concentration of the unknown peak in the sample is 0.41% | Currently PharmLabs laboratory can not confirm an unidentified peak in your chromatogram due to interference (only with highly concentrated D8 products) from which we believe to be either (+)8-THC or d9-THC. At this time there are no reference standards available for (+)d8-THC, (+)d8-THC is a different compound from the main (-)d8-THC canabinoid and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques available, the separation of (+)d8-THC and d9-THC and d9-THC is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (+)d8-THC with the majority, if not all, of the concentration being (+)d8-THC. Total (+/-) D8 concentration is estimated to be 3.24%

Result

CANX - Cannabinoids Analysis

Analyzed Aug 16, 2023 | Instrument HPLC-VWD | Method The expanded Uncertainty of the Cannabinoid analysis is approximately **3**.806% at the 95% Confidence Level LOD LOQ Result Result Result Analute

Analyte	mg/g	mg/̃g	%	mg/g	mg/Serving	mg/Unit
11-Hydroxy-∆8-Tetrahydrocannabivarin (11-Hyd-∆8-THCV)	0.013	0.041	ND	ND	ND	ND
Cannabidiorcin (CBDO)	0.002	0.007	ND	ND	ND	ND
Abnormal Cannabidiorcin (a-CBDO)	0.01	0.031	ND	ND	ND	ND
(+/-)-9B-hydroxy-Hexahydrocannibinol (9b-HHC)	0.012	0.036	ND	ND	ND	ND
11-Hydroxy-∆8-Tetrahydrocannabinol (11-Hyd-∆8-THC)	0.007	0.021	ND	ND	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	ND	ND	ND	ND
Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND	ND	ND
Cannabigerol (CBG)	0.001	0.16	ND	ND	ND	ND
Cannabidiol (CBD)	0.001	0.16	ND	ND	ND	ND
1(S)-THD (s-THD)	0.013	0.041	ND	ND	ND	ND
1(R)-THD (r-THD)	0.025	0.075	ND	ND	ND	ND
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND	ND	ND
Δ8-tetrahydrocannabivarin (Δ8-THCV)	0.021	0.064	ND	ND	ND	ND
Cannabidihexol (CBDH)	0.005	0.16	ND	ND	ND	ND
Tetrahydrocannabutol (Δ9-THCB)	0.013	0.038	ND	ND	ND	ND
Cannabinol (CBN)	0.001	0.16	ND	ND	ND	ND
Cannabidiphorol (CBDP)	0.015	0.047	ND	ND	ND	ND
exo-THC (exo-THC)	0.005	0.16	ND	ND	ND	ND
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	UI	UI	UI	UI
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	3.24	32.40	176.90	4419.04
(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.16	ND	ND	ND	ND
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	ND	ND	ND	ND
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.16	ND	ND	ND	ND
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	ND	ND	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND	ND	ND
Δ9-Tetrahydrocannabihexol (Δ9-THCH)	0.024	0.071	ND	ND	ND	ND
Cannabinol Acetate (CBNO)	0.014	0.043	ND	ND	ND	ND
Δ9-Tetrahydrocannabiphorol (Δ9-THCP)	0.017	0.16	ND	ND	ND	ND
Δ8-Tetrahydrocannabiphorol (Δ8-THCP)	0.041	0.16	ND	ND	ND	ND
Cannabicitran (CBT)	0.005	0.16	ND	ND	ND	ND
Δ8-THC-O-acetate (Δ8-THCO)	0.076	0.16	ND	ND	ND	ND
9(S)-HHCP (s-HHCP)	0.031	0.094	ND	ND	ND	ND
Δ9-THC-O-acetate (Δ9-THCO)	0.066	0.16	ND	ND	ND	ND
9(R)-HHCP (r-HHCP)	0.026	0.079	ND	ND	ND	ND
9(S)-HHC-O-acetate (s-HHCO)	0.005	0.16	ND	ND	ND	ND
9(R)-HHC-O-acetate (r-HHCO)	0.008	0.025	ND	ND	ND	ND
3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)	0.067	0.204	ND	ND	ND	ND
Total THC (THCa * 0.877 + Δ9THC)			ND	ND	ND	ND
Total THC + Δ 8THC + Δ 10THC (THCa * 0.877 + Δ 9THC + Δ 8THC + Δ 10THC)			3.24	32.40	176.90	4419.04
Total CBD (CBDa * 0.877 + CBD)			ND	ND	ND	ND
Total CBG (CBGa * 0.877 + CBG)			ND	ND	ND	ND
Total HHC (9r-HHC + 9s-HHC)			ND	ND	ND	ND
Total Cannabinoids			3.24	32.40	176.90	4419.04
Total HHC (9r-HHC + 9s-HHC)			ND	ND	ND	NE



Sample photography

HME - Heavy Metals Analysis

Analyzed Aug 10, 2023 | Instrument ICP/MSMS | Method SOP-005

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Arsenic (As)	0.0009	0.0027	0.01	1.5
Cadmium (Cd)	0.0005	0.0015	ND	0.5
Mercury (Hg)	0.0058	0.0174	ND	3
Lead (Pb)	0.0006	0.0018	0.01	0.5
Nickel (Ni)	6.0e-05	0.0002	ND	

UI Unidentified ND Not Detected N/A Not Applicable NT Not Reported LOD Limit of Detection LOQ Limit of Otection <LOQ Detected >ULQL Above upper limit of linearity >ULQL Above upper limit of linearity CFU/Q Colong Forming Units per 1 gram TNTC Too Numerous to Count





Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Wed, 16 Aug 2023 08:00:55 -0700



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QA Testing

MIBNIG - Microbial Analysis

Analyzed Aug 10, 2023 | Instrument Plating | Method SOP-007

Analyte	Result CFU/g	Limit	Analyte	Result CFU/g	Limit
Shiga toxin-producing Escherichia Coli	ND	ND per 1 gram	Salmonella spp.	ND	ND per 1 gram

MTO - Mycotoxin Analysis

Analyzed Aug 14, 2023 Instrument LC/MSMS Method SOP-0	04	

Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg (ppb)	Limit ug/kg	Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg (ppb)	Limit ug/kg
Ochratoxin A	5.0	20.0	ND	20	Aflatoxin B1	2.5	5.0	ND	-
Aflatoxin B2	2.5	5.0	ND	-	Aflatoxin G1	2.5	5.0	ND	-
Aflatoxin G2	2.5	5.0	ND	-	Total Aflatoxins	10.0	20.0	ND	20

UI Unidentified ND Not Detected NA Not Applicable NT Not Reported LOD Limit of Detection LOQ Limit of Quantification <LOQ Detected AUQ Detected >ULQL Above upper limit of linearity >ULQL Above upper limit of linearity CFU/Q colony forming Units per 1 gram TNTC Too Numerous to Count





Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Wed, 16 Aug 2023 08:00:55 -0700



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the customer's be in compliance. The measurement of uncertainty is not included in the
Poss/Follevolution unless explicitly required by federation. after the customer's be an Compliance.

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QA Testing

PES - Pesticides Analysis

Analyzed Aug 14, 2023 | Instrument LC/MSMS GC/MSMS | Method SOP-003

Aldcorb0.00780.02ND0.076Corbofuron0.010.02ND0.02Feroxycorb0.010.02ND0.02ND0.02ND0.02ND0.02Deminozide0.010.020.07ND0.00Dichlorovs0.020.07ND0.02Imacall0.020.07ND0.00Compolos0.010.02ND0.01Spiroxamine0.010.01ND0.00Compolos0.010.02ND0.01Fipronil0.010.01ND0.00Peroblurozi0.010.02ND0.01Bagon (Propoxar)0.010.02ND0.00Heinprohos (Prophos)0.010.02ND0.02Chiloriprifos0.030.04ND0.05Mehily Parathion0.020.010.02ND0.02Accephote0.030.030.04ND0.05MDSSSND0.05NDSAccephote0.010.02NDSAccempirid0.010.05NDSSSNDSSSNDSSSNDSSSNDSSSNDSSSNDSSSNDSSSNDSSSNDSSSNDSSSNDSSSNDSS<	Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g	Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Fensyarb 0.01 0.02 ND 0.01 Thick/borid 0.01 0.02 ND 0.01 Imacoli 0.02 0.07 ND 0.02 Methocs/b 0.01 0.02 ND 0.01 Spiroxmine 0.01 0.02 ND 0.02 Counspiros 0.01 0.02 ND 0.01 Fipronil 0.01 0.01 ND 0.01 Counspiros 0.01 0.02 ND 0.01 Chlorgurifos 0.01 0.01 ND 0.01 Ethoprophor(Prophor) 0.04 0.01 0.02 ND 0.01 Chlorfendry 0.05 0.08 ND 0.03 Methyl Prothion 0.05 0.08 ND 0.03 Acogstrobin 0.02 0.05 ND 0.5 Boccolid 0.01 0.05 ND 0.5 Strobin 0.02 0.05 ND 0.5 Boccolid 0.01 0.02 ND 0.5 Etoxacolid 0.01	Aldicarb	0.0078	0.02	ND	0.0078	Carbofuran	0.01	0.02	ND	0.01
Dominazale 0.01 0.03 ND 0.01 Dichlorwas 0.02 0.02 ND 0.02 Imazali 0.02 0.07 ND 0.02 MD 0.01 0.02 ND 0.01 Spicoamine 0.01 0.02 ND 0.01 0.02 ND 0.01 Fipronil 0.01 0.01 ND 0.01 Pacebatrazol 0.01 0.02 ND 0.01 Baygon (Propour) 0.01 0.02 ND 0.01 Chirofanes 0.01 0.03 ND 0.03 Chirofanegrifos 0.03 0.03 ND 0.03 Abametrin 0.03 0.08 ND 0.03 Acceptote 0.02 0.05 ND 5 Actemptrofil 0.01 0.05 ND 5 Acceptote 0.01 0.02 ND 6.5 Boscial 0.01 0.05 ND 10 Carboryl 0.01 0.02 ND 0.5 <td< td=""><td>Dimethoate</td><td>0.01</td><td></td><td>ND</td><td>0.01</td><td>Etofenprox</td><td></td><td>0.1</td><td>ND</td><td></td></td<>	Dimethoate	0.01		ND	0.01	Etofenprox		0.1	ND	
Imazali 0.02 0.07 ND 0.02 Methicarb 0.01 0.02 ND 0.01 Spiroxamine 0.01 0.02 ND 0.01 Couraphos 0.01 0.02 ND 0.01 Fipronil 0.01 0.01 0.01 Packobutrzaci 0.01 0.02 ND 0.01 Gargan (Propour) 0.01 0.02 ND 0.01 Ethoprophos (Prophos) 0.01 0.02 ND 0.01 Mexinghos 0.03 0.01 0.02 ND 0.03 Methyl Porthion 0.02 0.03 ND 0.03 Acceptorba 0.02 0.03 ND 0.03 Acetomiprid 0.03 ND 0.01 0.02 ND 0.01	Fenoxycarb	0.01	0.02	ND	0.01	Thiachloprid	0.01	0.02	ND	0.01
Spiraxmine 0.0 0.0 Coumphos 0.0	Daminozide	0.01	0.03	ND	0.01	Dichlorvos	0.02	0.07	ND	0.02
rpmoni 0.01 0.01 0.01 0.03 ND 0.01 Chlorpyrifos 0.01 0.04 ND 0.01 Ethoprophos (Prophos) 0.01 0.02 ND 0.01 Ghlorpyrifos 0.01 0.02 ND 0.01 Chlordane 0.04 0.01 ND 0.02 ND 0.01 Chlordnopyr 0.03 0.03 ND 0.03 Methyl Porthion 0.02 0.01 ND 0.02 Mevinphos 0.03 0.03 Methyl Porthion 0.03 0.03 0.03 0.03 0.03 0.03 0.03 0.03 Accystropin 0.02 0.03 ND 0.5 Boscalid 0.01 0.03 ND 0.5 Bifenthrin 0.02 0.03 ND 0.5 Boscalid 0.01 0.04 ND 0.2 Carboryl 0.01 0.02 ND 0.5 Chorentrailigned 0.01 0.02 ND 0.2 Dimethomorph	Imazalil	0.02	0.07	ND	0.02	Methiocarb	0.01	0.02	ND	0.01
Chronyifes 0.01 0.04 ND 0.01 Ethogrophos (Prophos) 0.01 0.02 ND 0.01 Baygon (Propoxir) 0.01 0.02 ND 0.01 Chlordnane 0.04 0.1 ND 0.02 Chlordnapyr 0.03 0.01 ND 0.03 Methyl Porathion 0.02 0.01 ND 0.02 Mevinphos 0.02 0.05 ND 5 Accentriprid 0.01 0.05 ND 5 Accephote 0.01 0.02 ND 4.0 Bifenztrin 0.01 0.05 ND 5 Accephote 0.01 0.02 ND 0.5 Boscolid 0.01 0.04 ND 40 Glenetzine 0.01 0.02 ND 0.5 Diazion 0.01 0.02 ND 1.5 Efentyrin 0.02 0.03 ND 2 Elonicamid 0.01 0.02 ND 1.6 Dimethomorph 0.02 <	Spiroxamine	0.01	0.02	ND	0.01	Coumaphos	0.01	0.02	ND	0.01
Baygon (Propoxur) 0.01 0.02 ND 0.01 Chirdrane 0.04 0.1 ND 0.03 Chirdrappy 0.03 0.1 ND 0.03 Methyl Parathion 0.02 0.1 ND 0.03 Mevinphos 0.02 0.05 ND 5 Abamectin 0.03 0.08 ND 5 Acogystrobin 0.01 0.02 ND 40 Bifenzate 0.01 0.05 ND 5 Bifenthrin 0.02 0.35 ND 0.5 Boscild 0.01 0.02 ND 40 Carbaryl 0.01 0.02 ND 0.5 Chiorantraniliprole 0.01 0.04 ND 40 Carbaryl 0.01 0.02 ND 0.5 Chiorantraniliprole 0.01 0.02 ND 2 Carbaryl 0.01 0.02 ND 2 Etoxacole 0.01 0.02 ND 2 Dimethomorph 0.02 0.01 </td <td>Fipronil</td> <td>0.01</td> <td>0.1</td> <td>ND</td> <td>0.01</td> <td>Paclobutrazol</td> <td>0.01</td> <td>0.03</td> <td>ND</td> <td>0.01</td>	Fipronil	0.01	0.1	ND	0.01	Paclobutrazol	0.01	0.03	ND	0.01
Chlorengyr 0.03 0.1 ND 0.03 Methyl Parathion 0.02 0.1 ND 0.02 Mevinphos 0.03 0.03 0.03 0.03 Abamectin 0.02 0.03 ND 0.33 Acephate 0.01 0.02 ND 5 Acetamipid 0.01 0.05 ND 5 Aconystrobin 0.01 0.02 ND 0.5 Acetamipid 0.01 0.05 ND 0.5 Glorentzin 0.01 0.02 ND 0.5 Chlorantranillorole 0.01 0.02 ND 40 Carbaryl 0.01 0.02 ND 0.5 Chlorantranillorole 0.01 0.02 ND 40 Clorentzin 0.01 0.02 ND 2.5 Chlorantranillorole 0.01 0.02 ND 2.5 Enotypointate 0.02 0.02 ND 30 Hestazole 0.01 0.02 ND 2.5 Indiacloprid 0.01<	Chlorpyrifos	0.01		ND	0.01	Ethoprophos (Prophos)	0.01	0.02	ND	
Mekinghas 0.03 0.08 ND 0.03 Abarmetin 0.03 0.08 ND 0.3 Acephate 0.02 0.05 ND 5 Acetomiprid 0.01 0.05 ND 5 Acoxystrobin 0.01 0.02 ND 40 Bifenzate 0.01 0.02 ND 0.5 Boscalid 0.01 0.03 ND 40 Carbary 0.01 0.02 ND 0.5 Chlorantranliprole 0.01 0.02 ND 40 Carbary 0.01 0.02 ND 0.5 Chlorantranliprole 0.01 0.02 ND 40 Dimethomorph 0.02 0.06 ND 2 Etoxazole 0.01 0.02 ND 2 Fludiconil 0.01 0.05 ND 30 Herythiazox 0.01 0.03 ND 1 Midatolion 0.01 0.05 ND 5 Metolaxyl 0.01 0.02 ND <td< td=""><td>Baygon (Propoxur)</td><td></td><td></td><td></td><td></td><td>Chlordane</td><td></td><td>0.1</td><td></td><td></td></td<>	Baygon (Propoxur)					Chlordane		0.1		
Acephate 0.02 0.05 ND 5 Acetamiprid 0.01 0.05 ND 5 Azoystrobin 0.01 0.02 ND 40 Bifenzarte 0.01 0.05 ND 5 Bifenthrin 0.02 0.35 ND 0.5 Boscild 0.01 0.05 ND 0.01 Carboryl 0.01 0.02 ND 0.5 Chlorontronliprole 0.01 0.04 ND 40 Clofentezine 0.01 0.02 ND 0.5 Chlorontronliprole 0.01 0.02 ND 0.5 Fenepyoximate 0.02 0.1 ND 2 Flonicamid 0.01 0.02 ND 2 Imidacloprid 0.01 0.05 ND 3 Kresoxim-methyl 0.01 0.02 ND 2 Imidacloprid 0.01 0.02 ND 5 Metaxozi 0.01 0.02 ND 2 Imidacloprid 0.01 0.02 <td>Chlorfenapyr</td> <td>0.03</td> <td>0.1</td> <td>ND</td> <td>0.03</td> <td>Methyl Parathion</td> <td>0.02</td> <td>0.1</td> <td>ND</td> <td>0.02</td>	Chlorfenapyr	0.03	0.1	ND	0.03	Methyl Parathion	0.02	0.1	ND	0.02
Azoxystrobin 0.01 0.02 ND 40 Bifenozate 0.01 0.05 ND 5 Bifenthrin 0.02 0.35 ND 0.5 Boscalid 0.01 0.03 ND 00 Carbaryl 0.01 0.02 ND 0.5 Chorantranliprole 0.01 0.04 ND 0.00 Clafentzine 0.01 0.02 ND 0.5 Chorantranliprole 0.01 0.02 ND 0.5 Fenpyroximate 0.02 0.01 ND 2 Flonicamid 0.01 0.02 ND 2 Findicoprid 0.01 0.05 ND 3 Hresythizzox 0.01 0.03 ND 2 Imidacloprid 0.01 0.05 ND 3 Hresythizzox 0.01 0.03 ND 2 Imidacloprid 0.01 0.05 ND 3 Kresotim-methyl 0.01 0.02 ND 3 Malthin 0.01 0.02<	Mevinphos		0.08	ND	0.03	Abamectin		0.08	ND	0.3
Bifenthrin 0.02 0.35 ND 0.5 Boscalid 0.01 0.03 ND 0.0 Carbaryl 0.01 0.02 ND 0.5 Chorantraniliprole 0.01 0.02 ND 0.5 Dinethomorph 0.02 0.06 ND 0.5 Dicainon 0.01 0.02 ND 0.5 Fenguroximate 0.02 0.01 ND 2 Flonicamid 0.01 0.05 ND 2 Indiacoprid 0.01 0.05 ND 3 Kresoxim-methyl 0.01 0.03 ND 1 Malathion 0.01 0.05 ND 5 Metaloxyl 0.01 0.02 ND 9 Naled 0.01 0.02 ND 0.1 Myclobutanil 0.02 ND 0.2 ND 0.2 </td <td>Acephate</td> <td>0.02</td> <td>0.05</td> <td>ND</td> <td>5</td> <td>Acetamiprid</td> <td>0.01</td> <td>0.05</td> <td>ND</td> <td>5</td>	Acephate	0.02	0.05	ND	5	Acetamiprid	0.01	0.05	ND	5
Carbaryl 0.01 0.02 ND 0.5 Chlorantraniliprole 0.01 0.04 ND 40 Clofentzine 0.01 0.03 ND 0.5 Diazionn 0.01 0.02 ND 0.5 Dimethomorph 0.02 0.06 ND 20 Etoxazole 0.01 0.02 ND 2 Fludioxonil 0.01 0.02 0.1 ND 2 Flonicamid 0.01 0.02 ND 2 Fludioxonil 0.01 0.05 ND 3 Hexpithizox 0.01 0.03 ND 1 Malathion 0.01 0.05 ND 3 Kresoxim-methyl 0.01 0.02 ND 1 Malathion 0.01 0.02 ND 0.1 Myclobutnil 0.02 ND 20 Noled 0.01 0.02 ND 0.5 Oxamyl 0.01 0.02 ND 0.2 Pornethrin 0.01 0.02 ND </td <td>Azoxystrobin</td> <td>0.01</td> <td>0.02</td> <td>ND</td> <td>40</td> <td>Bifenazate</td> <td>0.01</td> <td>0.05</td> <td>ND</td> <td>5</td>	Azoxystrobin	0.01	0.02	ND	40	Bifenazate	0.01	0.05	ND	5
Clofentezine 0.01 0.03 ND 0.5 Diazinon 0.01 0.02 ND 0.2 Dimethomorph 0.02 0.06 ND 20 Etoxazole 0.01 0.02 ND 15 Fengyroximate 0.02 0.1 ND 2 Etoxazole 0.01 0.02 ND 2 Fludioxonil 0.01 0.02 0.1 ND 2 Flonicomid 0.01 0.03 ND 2 Imidocloprid 0.01 0.05 ND 30 Hexythiazox 0.01 0.03 ND 1 Malathion 0.01 0.02 0.05 ND 5 Metaloxyl 0.01 0.02 ND 9 Naled 0.01 0.02 0.05 ND 0.1 Myclobutanil 0.02 0.02 ND 0.2 Permethrin 0.01 0.02 ND 0.4 Pyteryteryteryteryteryteryteryteryteryter	Bifenthrin	0.02	0.35	ND	0.5	Boscalid	0.01	0.03	ND	10
Dimethomorph 0.02 0.06 ND 20 Etoxazole 0.01 0.05 ND 15 Fenguroximate 0.02 0.1 ND 2 Flonicomid 0.01 0.02 ND 2 Imidacloprid 0.01 0.05 ND 30 Hexuthiazox 0.01 0.03 ND 2 Imidacloprid 0.01 0.05 ND 30 Hexuthiazox 0.01 0.03 ND 1 Malathian 0.01 0.05 ND 5 Metaloxyl 0.01 0.02 ND 15 Malathian 0.02 0.05 ND 5 Metaloxyl 0.01 0.02 ND 20 Noled 0.01 0.02 ND 0.5 Oxampl 0.01 0.02 ND 20 Pieronyl Butoxide 0.02 0.06 ND 8 Propiconazole 0.03 0.08 ND 20 Pyridobn 0.02 0.07 ND	Carbaryl	0.01	0.02	ND	0.5	Chlorantraniliprole	0.01	0.04	ND	40
Fenpyroximate 0.02 0.1 ND 2 Flonicamid 0.01 0.02 ND 2 Fludioxonil 0.01 0.05 ND 30 Hextphiazox 0.01 0.03 ND 2 Fludioxonil 0.01 0.05 ND 3 Kresoxim-methyl 0.01 0.03 ND 1 Malathion 0.01 0.05 ND 5 Metolaxyl 0.01 0.02 ND 15 Methomyl 0.02 0.05 ND 0.1 Myclobutnil 0.02 0.07 ND 9 Noled 0.01 0.02 ND 0.5 Oxamyl 0.01 0.02 ND 0.2 Permethrin 0.01 0.02 ND 2.0 Phosmet 0.01 0.02 ND 2.0 Projeonyl Butoxide 0.02 0.02 ND 3 Spinosoda 0.01 0.02 ND 3 Spinosad D 0.02 0.07 ND	Clofentezine	0.01	0.03	ND	0.5	Diazinon	0.01	0.02	ND	0.2
Fludioxonil 0.01 0.05 ND 30 Hexythiazox 0.01 0.03 ND 2 Imidacloprid 0.01 0.05 ND 3 Kresoxim-methyl 0.01 0.03 ND 1 Malathion 0.01 0.05 ND 5 Metaloxyl 0.01 0.02 ND 15 Methomyl 0.02 0.05 ND 0.1 Myclobutanil 0.02 0.07 ND 9 Naled 0.01 0.02 ND 0.5 Oxamyl 0.01 0.02 ND 0.2 Permethrin 0.01 0.02 ND 20 Phosmet 0.01 0.02 ND 0.2 Prolebrin 0.02 0.06 ND 8 Propiconazole 0.05 0.08 ND 20 Prolebrin 0.02 0.07 ND 3 Spinosola 0.05 0.08 ND 20 Pyridoben 0.02 0.07 ND	Dimethomorph	0.02	0.06	ND	20	Etoxazole	0.01	0.05	ND	1.5
Imidacloprid 0.01 0.05 ND 3 Kresoxim-methyl 0.01 0.03 ND 1 Moldthion 0.01 0.05 ND 5 Metaloxyl 0.01 0.02 ND 15 Moldthion 0.02 0.05 ND 0.1 Myclobutanil 0.02 0.07 ND 9 Neled 0.01 0.02 ND 0.5 Oxemyl 0.01 0.02 ND 0.2 Permethrin 0.01 0.02 ND 20 Phosmet 0.01 0.02 ND 20 Projecongl Butoxide 0.02 0.06 ND 8 Projeconzole 0.05 0.08 ND 20 Projedengl Butoxide 0.02 0.07 ND 3 Spinosad A 0.01 0.05 ND 3 Spinosad D 0.01 0.02 0.07 ND 3 Spirosad A 0.01 0.02 ND 3 Spinosad D 0.01 <td< td=""><td>Fenpyroximate</td><td>0.02</td><td>0.1</td><td>ND</td><td>2</td><td>Flonicamid</td><td>0.01</td><td>0.02</td><td>ND</td><td>2</td></td<>	Fenpyroximate	0.02	0.1	ND	2	Flonicamid	0.01	0.02	ND	2
Malathion 0.01 0.05 ND 5 Metalaxyl 0.01 0.02 ND 15 Methomyl 0.02 0.05 ND 0.1 Myclobutanil 0.02 0.07 ND 9 Noled 0.01 0.02 ND 0.5 Oxamyl 0.01 0.02 ND 0.2 Permethrin 0.01 0.02 ND 20 Phosmet 0.01 0.02 ND 0.2 Piperonyl Butoxide 0.02 0.02 0.05 ND 0.4 Pyretrin 0.03 0.08 ND 20 Piperonyl Butoxide 0.02 0.07 ND 8 Projeconazole 0.03 0.08 ND 20 Piperonyl Butoxide 0.02 0.07 ND 3 Spinosad A 0.01 0.05 ND 1 Pyridoben 0.02 0.07 ND 3 Spinosad A 0.01 0.02 ND 12 Spinosad D 0.01 <t< td=""><td>Fludioxonil</td><td>0.01</td><td>0.05</td><td>ND</td><td>30</td><td>Hexythiazox</td><td>0.01</td><td>0.03</td><td>ND</td><td>2</td></t<>	Fludioxonil	0.01	0.05	ND	30	Hexythiazox	0.01	0.03	ND	2
Methomyl 0.02 0.05 ND 0.1 Myclobutnil 0.02 0.07 ND 9 Naled 0.01 0.02 ND 0.5 Oxmyl 0.01 0.02 ND 0.2 Permethrin 0.01 0.02 ND 20 Phosmet 0.01 0.02 ND 0.2 Piperonyl Butoxide 0.02 0.06 ND 8 Propiconazole 0.05 0.08 ND 20 Prolethrin 0.02 0.06 ND 8 Propiconazole 0.05 0.04 ND 20 Prolethrin 0.02 0.07 ND 3 Spinosad A 0.01 0.05 ND 3 Spinosad D 0.01 0.05 ND 3 Spinosad A 0.01 0.02 ND 20 Spinosad D 0.01 0.02 ND 13 Tebuconazole 0.01 0.02 ND 20 Spinotoraut 0.01 0.02 ND <td>Imidacloprid</td> <td></td> <td>0.05</td> <td>ND</td> <td>3</td> <td>Kresoxim-methyl</td> <td></td> <td>0.03</td> <td>ND</td> <td>1</td>	Imidacloprid		0.05	ND	3	Kresoxim-methyl		0.03	ND	1
Naled 0.01 0.02 ND 0.5 Oxamyl 0.01 0.02 ND 0.2 Permethrin 0.01 0.02 ND 20 Phosmet 0.01 0.02 ND 0.2 Piperonyl Butxide 0.02 0.02 0.06 ND 8 Propiconazole 0.03 0.08 ND 20 Prallethrin 0.02 0.05 ND 0.4 Pyrethrin 0.05 0.41 ND 1 Pyridaben 0.02 0.07 ND 3 Spinosad A 0.01 0.05 ND 3 Spinosod D 0.01 0.02 ND 13 Tebuconazole 0.01 0.02 ND 30 Spinosod D 0.01 0.02 ND 4.5 Trifloxystrobin 0.01 0.02 ND 30 Acequinocyl 0.02 0.07 ND 4 Captan 0.01 0.02 ND 50 Cypermethrin 0.02 0.07	Malathion	0.01	0.05	ND	5	Metalaxyl	0.01	0.02	ND	15
Permethrin 0.01 0.02 ND 20 Phosmet 0.01 0.02 ND 0.2 Piperonyl Butxide 0.02 0.06 ND 8 Projeconazole 0.03 0.08 ND 20 Prolethrin 0.02 0.05 ND 0.4 Pyurthrin 0.05 0.41 ND 1 Pyridaben 0.02 0.07 ND 3 Spinosad A 0.01 0.05 ND 3 Spinosad D 0.01 0.02 ND 3 Spinomesifen 0.02 0.06 ND 12 Spirotetromot 0.01 0.02 ND 4.5 Trifloxystrobin 0.01 0.02 ND 30 Acequinocyl 0.02 0.01 0.02 ND 4.5 Trifloxystrobin 0.01 0.02 ND 50 Cypermethrin 0.02 0.07 ND 1 Cypfurbrin 0.04 0.1 ND 1 Cypermethrin 0.02 <td>Methomyl</td> <td>0.02</td> <td>0.05</td> <td>ND</td> <td>0.1</td> <td>Myclobutanil</td> <td>0.02</td> <td>0.07</td> <td>ND</td> <td>9</td>	Methomyl	0.02	0.05	ND	0.1	Myclobutanil	0.02	0.07	ND	9
Piperonyl Butoxide 0.02 0.06 ND 8 Propiconazole 0.03 0.08 ND 20 Prollethrin 0.02 0.05 ND 0.4 Pyreprovention 0.05 0.04 ND 1 Pyridaben 0.02 0.07 ND 3 Spinosad A 0.01 0.05 ND 3 Spinosad D 0.01 0.05 ND 3 Spirosad A 0.02 0.06 ND 12 Spirosad D 0.01 0.05 ND 3 Spirosad A 0.01 0.02 ND 12 Spirotetramat 0.01 0.02 ND 13 Techconazole 0.01 0.02 ND 2 Thiamethoxam 0.01 0.02 ND 4.5 Trifloxystrobin 0.01 0.02 ND 3 Cypermethrin 0.02 0.07 ND 4 Copton 0.01 0.02 ND 5 Cypermethrin 0.02 0.07	Naled	0.01	0.02	ND	0.5	Oxamyl	0.01	0.02	ND	0.2
Prollethrin 0.02 0.05 ND 0.4 Pyrethrin 0.05 0.41 ND 1 Pyridben 0.02 0.07 ND 3 Spinosad A 0.01 0.05 ND 3 Spinosad D 0.01 0.05 ND 3 Spinosad A 0.02 0.06 ND 3 Spinosad D 0.01 0.02 ND 3 Spinomesifen 0.02 0.06 ND 12 Spinotermat 0.01 0.02 ND 13 Tebuconazole 0.01 0.02 ND 30 Acequinocyl 0.02 0.09 ND 4.5 Trifloxystrobin 0.01 0.02 ND 30 Cypermethrin 0.02 0.01 ND 1 Cyfluthrin 0.01 0.02 ND 1 Cypermethrin 0.02 0.07 ND 10 Spinotoram JL 0.02 0.07 ND 3	Permethrin	0.01	0.02	ND	20	Phosmet	0.01	0.02	ND	0.2
Pyridaben 0.02 0.07 ND 3 Spinosad A 0.01 0.05 ND 3 Spinosad D 0.01 0.05 ND 3 Spinomesifen 0.02 0.06 ND 12 Spirotetromot 0.01 0.02 ND 13 Tebuconazole 0.01 0.02 ND 2 Thiamethoxam 0.01 0.02 ND 4.5 Trifloxystrobin 0.01 0.02 ND 30 Acequinocyl 0.02 0.01 ND 4 Coptan 0.01 0.02 ND 5 Cypermethrin 0.02 0.07 ND 1 Cyfluthrin 0.04 0.1 ND 1 Fenhexomid 0.02 0.07 ND 10 Spinetoram J.L 0.02 0.07 ND 3	Piperonyl Butoxide	0.02	0.06	ND	8	Propiconazole	0.03	0.08	ND	20
Spinosad D 0.01 0.05 ND 3 Spiromesifen 0.02 0.06 ND 12 Spiroterramat 0.01 0.02 ND 13 Tebuconazole 0.01 0.02 ND 2 Thiamethoxam 0.01 0.02 ND 4.5 Trifloxystrobin 0.01 0.02 ND 30 Acequinocyl 0.02 0.09 ND 4 Copton 0.01 0.02 ND 5 Cypermethrin 0.02 0.07 ND 1 Cyfluthrin 0.04 0.1 ND 1 Fenhexamid 0.02 0.07 ND 10 Spinetoram J.L 0.02 0.7 ND 3	Prallethrin	0.02	0.05	ND	0.4	Pyrethrin	0.05	0.41	ND	1
Spirotetramat 0.01 0.02 ND 13 Tebuconazole 0.01 0.02 ND 2 Thiamethoxam 0.01 0.02 ND 4.5 Trifloxystrobin 0.01 0.02 ND 30 Acequinocyl 0.02 0.09 ND 4 Captan 0.01 0.02 ND 5 Cypermethrin 0.02 0.07 ND 1 Cyfluthrin 0.40 0.1 ND 1 Fenhexamid 0.02 0.07 ND 10 Spinetoram JL 0.02 0.07 ND 3	Pyridaben	0.02	0.07	ND	3	Spinosad A	0.01	0.05	ND	3
Thiamethoxam 0.01 0.02 ND 4.5 Trifloxystrobin 0.01 0.02 ND 30 Acequinocyl 0.02 0.09 ND 4 Coptan 0.01 0.02 ND 5 Cypermethrin 0.02 0.1 ND 1 Cyfluthrin 0.04 0.1 ND 1 Fenhexamid 0.02 0.07 ND 10 Spinetoram J.L 0.02 0.07 ND 3	Spinosad D	0.01	0.05	ND	3	Spiromesifen	0.02	0.06	ND	12
Acequinocyl 0.02 0.09 ND 4 Captan 0.01 0.02 ND 5 Cypermethrin 0.02 0.1 ND 1 Cyfluthrin 0.04 0.1 ND 1 Fenhexamid 0.02 0.07 ND 10 Spinetoram J,L 0.02 0.07 ND 3	Spirotetramat	0.01	0.02	ND	13	Tebuconazole	0.01	0.02	ND	2
Cypermethrin 0.02 0.1 ND 1 Cyfluthrin 0.04 0.1 ND 1 Fenhexamid 0.02 0.07 ND 10 Spinetoram J,L 0.02 0.07 ND 3	Thiamethoxam	0.01	0.02	ND	4.5	Trifloxystrobin	0.01	0.02	ND	30
Penhexamid 0.02 0.07 ND 10 Spinetoram J,L 0.02 0.07 ND 3	Acequinocyl	0.02	0.09	ND	4	Captan	0.01	0.02	ND	5
	Cypermethrin	0.02	0.1	ND	1	Cyfluthrin	0.04	0.1	ND	1
Pentachloronitrobenzene 0.01 0.1 ND 0.2	Fenhexamid	0.02	0.07	ND	10	Spinetoram J,L	0.02	0.07	ND	3
	Pentachloronitrobenzene	0.01	0.1	ND	0.2					

RES - Residual Solvents Analysis

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g	Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Propane (Prop)	0.4	40.0	ND		Butane (But)	0.4	40.0	ND	
Methanol (Metha)	0.4	40.0	ND		Ethylene Oxide (EthOx)	0.4	0.8	ND	
Pentane (Pen)	0.4	40.0	ND		Ethanol (Ethan)	0.4	40.0	ND	
Ethyl Ether (EthEt)	0.4	40.0	ND		Acetone (Acet)	0.4	40.0	ND	
Isopropanol (2-Pro)	0.4	40.0	ND		Acetonitrile (Acetonit)	0.4	40.0	ND	
Methylene Chloride (MetCh)	0.4	0.8	ND		Hexane (Hex)	0.4	40.0	ND	
Ethyl Acetate (EthAc)	0.4	40.0	ND		Chloroform (Clo)	0.4	0.8	ND	
Benzene (Ben)	0.4	0.8	ND		1-2-Dichloroethane (12-Dich)	0.4	0.8	ND	
Heptane (Hep)	0.4	40.0	ND		Trichloroethylene (TriClEth)	0.4	0.8	ND	
Toluene (Toluene)	0.4	40.0	ND		Xulenes (Xul)	0.4	40.0	ND	

FVI - Filth & Foreign Material Inspection Analysis

Analyzed Aug 09, 2023 Instrument Microscope Method SOP-010						
Analyte / Limit	Result	Analyte / Limit	Result			
> 1/4 of the total sample area covered by sand, soil, cinders, or dirt	ND	> 1/4 of the total sample area covered by mold	ND			
>1 insect fragment, 1 hair, or 1 count mammalian excreta per 3g	ND	> 1/4 of the total sample area covered by an imbedded foreign material	ND			

MWA - Moisture Content & Water Activity Analysis

Analyzed Aug 14, 2023 | Instrument Chilled-mirror Dewpoint and Capacitance | Method SOP-008

Analyte	Result	Limit	Analyte	Result	Limit
Moisture (Moi)	8.5 % Mw	13 % Mw	Water Activity (WA)	0.59 a _w	0.85 a _w

UI Unidentified ND Not Detected NA Not Applicable NT Not Reported LOD Limit of Detection LOQ Limit of Quantification <LOQ Detected AUQ Detected >ULQL Above upper limit of linearity >ULQL Above upper limit of linearity CFU/Q colony forming Units per 1 gram TNTC Too Numerous to Count





Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Wed, 16 Aug 2023 08:00:55 -0700



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