PharmLabs San Diego Certificate of Analysis

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Sample Torch Haymaker - Pineapple Jalapeno

Sample ID SD230609-095 (79379) Matrix Edible (Other Cannabis Good)						
Tested for HONEST PP&D, LLC						
Sampled -	Received Jun 09, 2023		Reported Jun 15, 2023			
Analyses executed FP-NI20, QARUSH		Unit Mass (g) 75.126	Num. of Servings 15	Serving Size (g) 5.01		

Laboratory note: The estimated concentration of the unknown peak in the sample is 0.17% | 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 (+)d8-THC or d9-THC. At this time there are no reference standards available for (+)d8-THC is o different compound from the main (-)d8-THC cannobinoid 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 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 (+/-) BC Concentration is estimated to be 3.24%

CANX - Cannabinoids Analysis

Analyzed Jun 15, 2023 | Instrument HPLC-VWD | Method

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g	Result mg/Serving	Result mg/Unit
11-Hydroxy- Δ 8-Tetrahydrocannabivarin (11-Hyd- Δ 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
$\Delta 8$ -tetrahydrocannabivarin ($\Delta 8$ -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	0.06	0.57	2.85	42.75
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	162.32	2434.08
(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	0.34	3.37	16.88	253.10
Δ8-Tetrahydrocannabiphorol (Δ8-THCP)	0.041	0.16	0.02	0.22	1.09	16.30
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
3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)	0.067	0.204	ND	ND	ND	ND
Δ9-THC methyl ether (Δ9-MeO-THC)			ND	ND	ND	ND
Total THC (THCa * 0.877 + A9THC)			ND	ND	ND	ND
Total THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC)			3.24	32.40	162.32	2434.08
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			3.66	36.56	183.14	2746.23

HME - Heavy Metals Detection Analysis

Analyzed Jun 12, 2023 | Instrument ICP/MSMS | Method SOP-005

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Arsenic (As)	0.0002	0.0005	0.00	1.5
Cadmium (Cd)	3.0e-05	0.0005	ND	0.5
Mercury (Hg)	1.0e-05	0.0001	ND	3
Lead (Pb)	1.0e-05	0.00125	ND	0.5

UI Not Identified
ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detection
LOQ Limit of Guantification
<LOQ Detection
Forum of Countification
CEU/Q Colony Forming Units per 1 gram
TNTC Too Numerous to Count









Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Thu, 15 Jun 2023 10:46:45 -0700



MIBNIG - Microbial Testing Analysis

Analyzed Jun 12, 2023 | Instrument Plating | Method SOP-007

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

MTO - Mycotoxin Testing Analysis

Analyzed Jun 14, 2023 | Instrument LC/MSMS | Method SOP-004

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 Not Identified
ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected
>ULOL Above upper limit of linearity
CFU/g Colonyl Forming Units per 1 gram
TNTC Too Numerous to Count









Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Thu, 15 Jun 2023 10:46:45 -0700



PES - Pesticides Screening Analysis

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

Fenoxycorb 0.01 0.02 ND 0.01 Thickhoprid 0.01 0.02 ND 0.01 Daminozide 0.01 0.02 0.07 ND 0.02 Mol 0.02 ND 0.01 0.02 ND 0.02 Imazalli 0.02 0.07 ND 0.02 MB 0.01 0.02 ND 0.01 Spiroxamine 0.01 0.01 0.02 ND 0.01 Counsplos 0.01 0.02 ND 0.01 Fipronil 0.01 0.01 ND 0.01 Paclobutrazol 0.01 0.02 ND 0.01 Chiorpsyrifos 0.01 0.04 ND 0.01 Ethoprophos (Prophos) 0.01 0.02 ND 0.01 Boygon (Propoxyr) 0.01 0.02 ND 0.01 Chiordene 0.04 0.1 NT 0.02 Mevinghos 0.03 0.08 ND 0.01 Abamectin 0.03 0.08 ND 0.3 <th>Analyte</th> <th>LOD ug/g</th> <th>LOQ ug/g</th> <th>Result ug/g</th> <th>Limit ug/g</th> <th>Analyte</th> <th>LOD ug/g</th> <th>LOQ ug/g</th> <th>Result ug/g</th> <th>Limit ug/g</th>	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
Fenosycorb	Aldicarb	0.0078	0.02	ND	0.0078	Carbofuran	0.01	0.02	ND	0.01
Daminozide 0.01 0.03 ND 0.01 Dicklovos 0.02 0.07 ND 0.02 ND 0.01 Imazalli 0.02 ND 0.01 ND 0.02 ND 0.01 Spiroxamine 0.01 0.02 ND 0.01 Cuoraphos 0.01 0.02 ND 0.01 Spiroxamine 0.01 0.01 0.01 NT 0.01 Pacelobutrzarol 0.01 0.02 ND 0.01 Chiorpyrifos 0.01 0.02 ND 0.01 Chiorpyrifos 0.01 0.02 ND 0.01 Chiorpyrifos 0.01 0.02 ND 0.01 Chiordone 0.04 0.01 NT 0.03 Spiroxamine 0.02 0.01 NT 0.02 Spiroxamine 0.02 0.01 NT 0.02 Spiroxamine 0.03 0.08 ND 0.03 Spiroxamine 0.03 0.08 ND 0.03 Spiroxamine 0.03 0.08 ND 0.03 Spiroxamine 0.01 0.05 ND 5 Spiroxamine 0.01 0.05 ND 5 Spiroxamine 0.01 0.02 ND 0.03 Spiroxamine 0.01 0.05 ND 5 Spiroxamine 0.01 0.02 ND 0.03 Spiroxamine 0.01 0.03 ND 0.03 Spiroxamine 0.01 0.02 ND 0.03 Spiroxamine 0.01 0.03 ND 0.03 Spiroxamine 0.01 0.02 ND 0.03 Spiroxamine 0.01 0.03 ND 0.03 Spiroxamine 0.01 0.05 ND 0.05 Spiroxamine 0.01 0.02 ND 0.05 ND 0.05 Spiroxamine 0.01 0.02 ND 0.05 Spiroxamine 0.01 0.02 ND 0.05 Spiroxamine 0.01 0.02 ND 0.02 ND 0.02 Spiroxamine 0.01 0.02	Dimethoate		0.02	ND	0.01	Etofenprox			ND	
Imazall	Fenoxycarb	0.01	0.02	ND	0.01	Thiachloprid	0.01	0.02	ND	0.01
Sprices 0.01	Daminozide	0.01	0.03	ND	0.01	Dichlorvos	0.02	0.07	ND	0.02
Fignoral 0.01	Imazalil	0.02	0.07	ND	0.02	Methiocarb	0.01	0.02	ND	0.01
Chlorgyrifos	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 Chlordene 0.04 0.1 NT 0.04 Chlorfenagyr 0.03 0.1 NT 0.03 Methyll Parathion 0.02 0.1 NT 0.02 Mevinphos 0.03 0.08 ND 0.03 Abamectin 0.03 0.08 ND 0.3 Acephate 0.02 0.05 ND 5 Acetomiprid 0.01 0.05 ND 5 Acephate 0.01 0.02 0.03 ND 40 Bifendarde 0.01 0.05 ND 5 Blenthrin 0.02 0.35 ND 0.5 Boscolid 0.01 0.03 ND 10 Clorbaryl 0.01 0.02 ND 0.5 Dioratinal 0.01 0.03 ND 40 Clorbetzine 0.01 0.02 ND 0.5 Dioratinalliprole 0.01 0.02 ND 40 Clorbetzine 0.01 </td <td>Fipronil</td> <td>0.01</td> <td>0.1</td> <td>NT</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	NT	0.01	Paclobutrazol	0.01	0.03	ND	0.01
Chlorfenopyr 0.03 0.1 NT 0.03 Methyl Parathion 0.02 0.1 NT 0.02 Methyl Parathion 0.02 0.1 NT 0.02 Methyl Parathion 0.03 0.08 ND 0.3 Abomectin 0.03 0.08 ND 0.3 Acephate 0.02 0.05 ND 5 Acetamiprid 0.01 0.05 ND 5 Azoxystrolin 0.01 0.02 ND 40 Bifenozate 0.01 0.05 ND 5 Azoxystrolin 0.01 0.02 ND 40 Bifenozate 0.01 0.05 ND 5 ND 5 ND 0.05 ND 10 Carbaryl 0.01 0.02 ND 0.05 ND 0.5 ND 0.05 N	Chlorpyrifos	0.01	0.04	ND	0.01	Ethoprophos (Prophos)	0.01	0.02	ND	0.01
Mevinphos 0.03 0.08 ND 0.05 ND	Baygon (Propoxur)	0.01	0.02	ND	0.01	Chlordane	0.04	0.1	NT	0.04
Acephate 0.02 0.05 ND 5 Acetamiprid 0.01 0.05 ND 5 Azoxystrobin 0.01 0.02 0.35 ND 0.5 Boscolid 0.01 0.03 ND 10 Carbaryl 0.01 0.02 ND 0.5 Chlorontraniliprole 0.01 0.04 ND 40 Clofentezine 0.01 0.02 ND 0.5 Chlorontraniliprole 0.01 0.04 ND 40 Dimethomorph 0.02 0.06 ND 2.0 Etoxazole 0.01 0.05 ND 1.5 Fenpyroximate 0.02 0.1 ND 2 Elonicamid 0.01 0.02 ND 2 Inidacloprid 0.01 0.05 ND 3 Kresoxim-methyl 0.01 0.03 ND 1 Inidacloprid 0.01 0.05 ND 3 Kresoxim-methyl 0.01 0.03 ND 1 Inidacloprid	Chlorfenapyr	0.03	0.1	NT	0.03	Methyl Parathion	0.02	0.1	NT	
Azosystrobin 0.01 0.02 ND 40 Bifenozate 0.01 0.05 ND 5 Bifenthrin 0.02 0.55 ND 0.5 Boscalid 0.01 0.03 ND 10 Carbaryl 0.01 0.02 ND 0.5 Chorantronliprole 0.01 0.04 ND 40 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 0.05 ND 15 Fenpyroximate 0.02 0.1 ND 2 Floricamid 0.01 0.02 ND 2 Fludisonil 0.01 0.05 ND 30 Hexpthilozox 0.01 0.02 ND 2 Fludisonil 0.01 0.05 ND 30 Hexpthilozox 0.01 0.03 ND 1 Moladisonil 0.01 0.05	Mevinphos	0.03	0.08	ND	0.03	Abamectin	0.03	0.08	ND	0.3
Bifenthrin 0.02 0.35 ND 0.5 Boscalid 0.01 0.03 ND 10 Carbaryl 0.01 0.02 ND 0.5 Chlorantraniliprole 0.01 0.04 ND 0.2 Clofentezine 0.01 0.02 ND 0.2 Diozinon 0.01 0.05 ND 0.2 Dimethomorph 0.02 0.06 ND 20 Etoxazole 0.01 0.05 ND 1.5 Fenpyroximate 0.02 0.1 ND 2 Floricamid 0.01 0.05 ND 2 Fludioxonil 0.01 0.05 ND 30 Hexythiazox 0.01 0.03 ND 2 Inidacloprid 0.01 0.05 ND 3 Kresoxim-methyl 0.01 0.03 ND 1 Meltolaryi 0.01 0.05 ND 3 Kresoxim-methyl 0.01 0.02 ND 15 Meltolaxyl 0.01 0.02 <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 Clofentezine 0.01 0.03 ND 0.5 Diazinon 0.01 0.02 ND 0.2 Dimethomorph 0.02 0.06 ND 20 Etxoazole 0.01 0.05 ND 1.5 Fenpyroximate 0.02 0.1 ND 2 Fionicamid 0.01 0.02 ND 2 Fludisonil 0.01 0.05 ND 30 Hexythiazox 0.01 0.03 ND 2 Inidacloprid 0.01 0.05 ND 3 Kresoxim-methyl 0.01 0.03 ND 1 Methomyl 0.02 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 0.2 Permethrin 0.01 0.02	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 0.05 ND 1.5 Fenpyproximate 0.02 0.1 ND 2 Flonicamid 0.01 0.05 ND 2 Fludioxonil 0.01 0.05 ND 30 Hexythiazox 0.01 0.03 ND 2 Imidacloprid 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 Molathion 0.01 0.05 ND 5 Metolaxyll 0.01 0.02 ND 15 Methomyl 0.02 0.05 ND 0.1 Myclobutanil 0.02 0.07 ND 0.2 Permethrin 0.01 0.02	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 1.5 Fengyrowinete 0.02 0.1 ND 2 Flonicomid 0.01 0.02 ND 2 Indiacoprid 0.01 0.05 ND 3 Heaythiazox 0.01 0.03 ND 2 Indiacoprid 0.01 0.05 ND 3 Kresoxim-methyl 0.01 0.03 ND 1 Methomyl 0.01 0.05 ND 5 Metolaxyl 0.01 0.02 ND 9 Noled 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 2 ND 9 Posmet 0.01 0.02 ND 0.2 Pigrebronyl Butoxide 0.02	Carbaryl			ND	0.5	Chlorantraniliprole	0.01		ND	
Fengyorkimate 0.02 0.1 ND 2 Flonicamid 0.01 0.02 ND 2 Fludioxonil 0.01 0.05 ND 30 Hexythiazox 0.01 0.03 ND 2 Inidiadoprid 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 Myclobutanil 0.02 0.07 ND 9 Methomyl 0.02 0.05 ND 0.1 Myclobutanil 0.02 0.07 ND 9 Moled 0.01 0.02 0.05 ND 0.1 Myclobutanil 0.02 0.07 ND 0.2 Permethrin 0.01 0.02 ND 0.0 ND 0.0 ND 0.0 ND 0.0 0.0 0.0 ND	Clofentezine	0.01	0.03	ND	0.5	Diazinon	0.01		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 0.05 ND 15 ND 15 Methomyl 0.01 0.02 ND 15 Methomyl 0.01 0.02 ND 15 Methomyl 0.01 0.02 ND 0.1 Myclobutanil 0.02 0.07 ND 9 NOled 0.01 0.02 ND 0.2	Dimethomorph	0.02	0.06	ND	20	Etoxazole	0.01	0.05	ND	1.5
Imidacloprid 0.01 0.05 ND 3 Kresxim-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 0.2 ND	Fenpyroximate			ND	2	Flonicamid	0.01		ND	2
Malathion 0.01 0.05 ND 5 Metalaxyl 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 Coxmyl 0.01 0.02 ND 0.2 Permethrin 0.01 0.02 ND 0.0 Phosnet 0.01 0.02 ND 0.2 Piperonyl Butoxide 0.02 0.06 ND 8 Propiconazole 0.03 0.08 ND 0.2 Piperonyl Butoxide 0.02 0.06 ND 8 Propiconazole 0.03 0.08 ND 0.0 Piperonyl Butoxide 0.02 0.05 ND 0.4 Pyerthrin 0.03 0.08 ND 0.0 Piperonyl Butoxide 0.02 0.05 ND 3 Spinosad A 0.01 0.05 0.01 ND 1 Spirosad D 0.01	Fludioxonil	0.01	0.05	ND	30	Hexythiazox	0.01	0.03	ND	2
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 0.06 ND 8 Propiconazole 0.03 0.08 ND 20 Prollethrin 0.02 0.05 ND 0.4 Pyrethrin 0.05 0.41 ND 1 Pigridosen 0.02 0.07 ND 3 Spinosad A 0.01 0.05 ND 3 Spinosad D 0.01 0.05 ND 3 Spiromesifen 0.02 0.06 ND 12 Spirotetramat 0.01 0.02 ND 13 Tebuconazole 0.01 0.02 ND 30 Acequinocyl 0.01 0.02 N	Imidacloprid		0.05		3	Kresoxim-methyl	0.01		ND	1
Noied 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 Pipieronyl Butoxide 0.02 0.06 ND 8 Propiconazole 0.03 0.08 ND 10 Prallethrin 0.02 0.05 ND 0.4 Pyrethrin 0.05 0.41 ND 1 Pyridoben 0.02 0.07 ND 3 Spinosad A 0.01 0.05 ND 3 Spinosad D 0.01 0.05 ND 0.3 Spinosad A 0.01 0.05 ND 3 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 3 Aceqinocyl 0.02 0.09 <	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 Butoxide 0.02 0.06 ND 8 Propiconazole 0.03 0.08 ND 20 Prollethrin 0.02 0.05 ND 0.4 Pyerthrin 0.05 0.41 ND 1 Pyridaben 0.02 0.07 ND 3 Spinosad A 0.01 0.05 ND 3 Spirosded D 0.01 0.02 ND 13 Spinosad A 0.01 0.05 ND 12 Spirosterrandt 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 3 Acequinocyl 0.02 0.09 ND 4 Copton 0.01 0.02 ND 5 Cypermethrin 0.02 0.07	Methomyl	0.02	0.05	ND	0.1	Myclobutanil	0.02	0.07	ND	9
Piperonyl Butoxide 0.02 0.06 ND 8 Projectorazole 0.03 0.08 ND 20 Prallethrin 0.02 0.05 ND 0.4 Pyrethrin 0.05 0.41 ND 1 Pyridoben 0.02 0.07 ND 3 Spinosad A 0.01 0.05 ND 3 Spinosad D 0.01 0.05 ND 3 Spiromesifen 0.02 0.06 ND 12 Spirotetramat 0.01 0.02 ND 13 Tebuconazole 0.01 0.02 ND 3 Acequinocyl 0.01 0.02 ND 4.5 Trifloxystrobin 0.01 0.02 ND 3 Acequinocyl 0.02 0.02 ND 4 Coptan 0.01 0.02 ND 5 Cypermethrin 0.02 0.07 ND 1 Cyfluthrin 0.02 0.01 NT 1 Fenhexamid 0.02 0.07	Naled	0.01	0.02	ND	0.5	Oxamyl	0.01	0.02	ND	
Prollethrin 0.02 0.05 ND 0.4 Pyerthrin 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 0.05 ND 3 Spiromesifen 0.02 0.06 ND 12 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 Coptan 0.01 0.02 ND 5 Uppermethrin 0.02 0.07 NT 1 Cyfluthrin 0.04 0.1 NT 1 Fenhexamid 0.02 0.07 ND 10 Spinetoram J,L 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 Spinosad A 0.01 0.02 ND 12 Spirotetrandt 0.01 0.02 ND 15 Tebuconazole 0.01 0.02 ND 2 Thiamethoxam 0.01 0.02 ND 4.5 Trifloxystrobin 0.01 0.02 ND 3 Acequinocyl 0.02 0.09 ND 4 Coptan 0.01 0.02 ND 5 Cypermethrin 0.02 0.1 NT 1 Cyfluthrin 0.04 0.1 NT 1 Fenhexamid 0.02 0.07 ND 10 Spinetoran J.L 0.02 0.07 ND 3	Piperonyl Butoxide		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 Spirotetramat 0.01 0.02 ND 13 Tebuconozole 0.01 0.02 ND 30 Inliamethoxam 0.01 0.02 ND 4.5 Trifloxystrobin 0.01 0.02 ND 30 Acequinocyl 0.02 0.02 0.09 ND 4 Coptan 0.01 0.02 ND 5 Cypermethrin 0.02 0.1 NT 1 Cyfluthrin 0.04 0.1 NT 1 Fenhexamid 0.02 0.07 ND 10 Spinetoram JL 0.02 0.07 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 Thiomethoxam 0.01 0.02 ND 4.5 Triffoxystrobin 0.01 0.02 ND 30 Acequinocyl 0.02 0.09 ND 4 Capton 0.01 0.02 ND 5 Cypermethrin 0.02 0.1 NT 1 Cyffuthrin 0.04 0.1 NT 1 Fenhexamid 0.02 0.07 ND 10 Spinetoram J,L 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 NT 1 Cyfluthrin 0.04 0.1 NT 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 NT 1 Cyfluthrin 0.04 0.1 NT 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 NT 1 Cyfluthrin 0.04 0.1 NT 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
Fenhexamid 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	NT	1	Cyfluthrin	0.04	0.1	NT	1
Pentochloronitrobenzene 0.01 0.1 NT 0.2	Fenhexamid	0.02	0.07	ND	10	Spinetoram J,L	0.02	0.07	ND	3
	Pentachloronitrobenzene	0.01	0.1	NT	0.2					

RES - Residual Solvents Testing Analysis

Analyzed Jun 13, 2023 | Instrument GC/FID with Headspace Analyzer | Method SOP-006

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	<loq< td=""><td></td><td>Ethylene Oxide (EthOx)</td><td>0.4</td><td>0.8</td><td>ND</td><td></td></loq<>		Ethylene Oxide (EthOx)	0.4	0.8	ND	
Pentane (Pen)	0.4	40.0	ND		Ethanol (Ethan)	0.4	40.0	498.0	
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	41.8		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 Jun 12, 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 3q	ND	> 1/4 of the total sample area covered by an imbedded foreign material	ND		

MWA - Moisture Content & Water Activity Analysis

Analyzed Jun 15, 2023 | Instrument Chilled-mirror Dewnoint and Canacitance | Method SOP-008

Analyzed 3011 13, 2023 mistroment crimed mirror bewpoint and co	pacitance prietrioa son ooo	Thethod 301 000					
Analyte	Result	Limit	Analyte	Result	Limit		
Moisture (Moi)	10.4 % Mw	13 % Mw	Water Activity (WA)	0.67 g _w	0.85 a _w		

UI Not Identified
ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<-(\time Q) Expected
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 Thu, 15 Jun 2023 10:46:45 -0700



