PharmLabs San Diego Certificate of Analysis

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Sample Torch Haymaker - Sour Apple

Sample ID SD230609-092 (79376)		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) 84.459	Num. of Servings 17	Serving Size (g) 4.97

Laboratory note: The estimated concentration of the unknown peak in the sample is 0.18% | 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 (+/-) D8 Concentration is estimated to be 3.27%

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-Δ8-Tetrahydrocannabivarin (11-Hyd-Δ8-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
1-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-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
(S)-THD (s-THD)	0.013	0.041	ND	ND	ND	ND
(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
Fetrahydrocannabutol (Δ9-THCB)	0.013	0.038	ND	ND	ND	ND
Cannabinol (CBN)	0.001	0.16	0.06	0.59	2.92	49.58
Cannabidiphorol (CBDP)	0.015	0.047	ND	ND	ND	ND
xxo-THC (exo-THC)	0.005	0.16	ND	ND	ND	ND
etrahydrocannabinol (Δ9-THC)	0.003	0.16	UI	UI	UI	UI
N8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	3.27	32.70	162.52	2761.81
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
Fetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND	ND	ND
19-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	3.42	17.01	289.02
Δ8-Tetrahydrocannabiphorol (Δ8-THCP)	0.041	0.16	0.02	0.24	1.20	20.35
Cannabicitran (CBT)	0.005	0.16	ND	ND	ND	ND
Δ8-THC-O-acetate (Δ8-THCO)	0.076	0.16	ND	ND	ND	ND
P(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
P(R)-HHCP (r-HHCP)	0.026	0.079	ND	ND	ND	ND
P(S)-HHC-O-acetate (s-HHCO)	0.005	0.16	ND	ND	ND	ND
-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)	0.067	0.204	ND	ND	ND	ND
19-THC methyl ether (Δ9-MeO-THC)			ND	ND	ND	ND
Total THC (THCa * 0.877 + Δ9THC)			ND	ND	ND	ND
Total THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC)			3.27	32.70	162.52	2761.81
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
Fotal Cannabinoids			3.70	36.95	183.64	3120.76

HME - Heavy Metals Detection Analysis

Analyzed Jun 14, 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	ND	1.5
Cadmium (Cd)	3.0e-05	0.0005	<loq< td=""><td>0.5</td></loq<>	0.5
Mercury (Hg)	1.0e-05	0.0001	ND	3
Lead (Pb)	1.0e-05	0.00125	0.01	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
For Up or Up o









Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Thu, 15 Jun 2023 10:46:49 -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





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 Paclobutracal 0.01 0.02 ND 0.01 Fipronil 0.01 0.04 ND 0.01 Paclobutracal 0.01 0.02 ND 0.01 Chiorpsyrifes 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 0.03 Abamectin 0.03 0.08 ND 0.3	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 Pacelobutrzol 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 0.01 0.05 ND 5 Spiroxamine 0.01 0.05 ND 5 Spiroxamine 0.01 0.02 ND Spiroxamine 0.01 0.05 ND 5 Spiroxamine 0.01 0.02 ND Spiroxamine 0.01 0.03 ND 0.10 Spiroxamine 0.01 0.02 ND Spiroxamine 0.01 0.03 ND 0.10 Spiroxamine 0.01 0.02 ND Spiroxamine 0.01 0.03 ND 0.10 Spiroxamine 0.01 0.02 ND Spiroxamine 0.01 0.02 ND Spiroxamine 0.01 0.03 ND 0.10 Spiroxamine 0.01 0.02 ND Spiroxamin	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 Fludisoril 0.01 0.05 ND 3 Hexpthiazox 0.01 0.03 ND 2 Inidactoprid 0.01 0.05 ND 3 Methods 0.01 0.03 ND 1 Methodyl 0.01 0.05 ND 5 Metalaxyl 0.01 0.02 ND 0.2 Permethrin 0.02 0.02 ND	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 Butokide 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 ND 1 Spirosad D 0.01 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 Thiamethoxam 0.01 0.02 ND 4.5 Trifloxystrobin 0.01 0.02 ND 3 Acequincyl 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 Cypermethrin 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 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 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	16.4	
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	4.0		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 3a	ND	> 1/4 of the total sample area covered bu an imbedded foreian material	ND

MWA - Moisture Content & Water Activity Analysis

Analyzed Jun 15, 2023 | Instrument Chilled-mirror Dewpoint and Capacitance | Method SOP-008

	andigzed 301 15, 2025 instroment chined mintor bewpoint and et	pacitance pricting 301 000								
	Analyte	Result	Limit	Analyte	Result	Limit				
- 1	Moisture (Moi)	10.4 % Mw	13 % Mw	Water Activity (WA)	0.67 g _w	0.85 au				

UI Not Identified
ND Not Detected
NA Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
«LOQ Detected Culp Detected VULOL 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 10:46:49 -0700

