SD230311-005 page 1 of 3

PharmLabs San Diego Certificate of Analysis

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Sample 8x3 - Gra

Sample 8X3 - Grape Ape	
Sample ID SD230311-005 (57281)	Matrix Concentrate (Inhalable Cannabis Good)

Tested for Trip-Drip							
Sampled -	Received Mar 10, 2023	Reported Mar 15, 2023					
Analyses executed CANX, RES, MIBIG, MTO, PES, HME, FVI							

Laboratory note: The estimated concentration of the unknown peak in the sample is 9.18% | 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 (+)d8-THC (+)d8-THC is a different compound from the main (-)d8-THC cannabinoid 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 810%

CANX - Cannabinoids Analysis

Analyzed Mar 15, 2023 | Instrument HLPC Measurement Uncertainty at 95% confidence7.806%

Measurement Uncertainty at 95% confidence7.806%				
Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
11-Hydroxy-&8-Tetrahydrocannabivarin (11-Hyd-&8-THCV)	0.013	0.041	ND	ND
Cannabidiorcin (CBDO)	0.002	0.007	ND	ND
Abnormal Cannabidiorcin (a-CBDO)	0.01	0.031	ND	ND
(+/-)-9B-hydroxy-Hexahydrocannibinol (9b-HHC)	0.012	0.036	ND	ND
11-Hydroxy-&8-Tetrahydrocannabinol (11-Hyd-&8-THC)	0.007	0.021	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	ND	ND
Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND
Cannabigerol (CBG)	0.001	0.16	ND	ND
Cannabidiol (CBD)	0.001	0.16	ND	ND
1(S)-THD (s-THD)	0.013	0.041	0.47	4.68
1(R)-THD (r-THD)	0.025	0.075	1.34	13.41
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND
Δ8-tetrahydrocannabivarin (Δ8-THCV)	0.021	0.064	0.39	3.86
Cannabidihexol (CBDH)	0.005	0.16	ND	ND
Tetrahydrocannabutol (Δ9-THCB)	0.013	0.038	4.59	45.90
Cannabinol (CBN)	0.001	0.16	ND	ND
Cannabidiphorol (CBDP)	0.015	0.047	ND	ND
exo-THC (exo-THC)	0.005	0.16	ND	ND
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	UI	UI
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	81.09	810.90
(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.16	ND	ND
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	ND	ND
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.16	ND	ND
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND
Δ9-Tetrahydrocannabihexol (Δ9-THCH)	0.024	0.071	ND	ND
Cannabinol Acetate (CBNO)	0.014	0.043	ND	ND
Δ9-Tetrahydrocannabiphorol (Δ9-THCP)	0.017	0.16	2.00	19.97
Δ8-Tetrahydrocannabiphorol (Δ8-THCP)	0.041	0.16	ND	ND
Cannabicitran (CBT)	0.005	0.16	ND	ND
Δ8-THC-O-acetate (Δ8-THCO)	0.076	0.16	ND	ND
9(S)-HHCP (s-HHCP)	0.031	0.094	ND	ND
Δ9-THC-O-acetate (Δ9-THCO)	0.066	0.16	ND	ND
9(R)-HHCP (r-HHCP)	0.026	0.079	ND	ND
9(S)-HHC-O-acetate (s-HHCO)	0.005	0.16	ND	ND
3-octul-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)	0.067	0.204	ND	ND
Δ9-THC methyl ether (Δ9-MeO-THC)	0.007	0.201	ND	ND
Total THC (THCa $^{\circ}$ 0.877 + Δ 9THC)			ND	ND
Total THC + Δ 8THC + Δ 10THC (THCa * 0.877 + Δ 9THC + Δ 8THC + Δ 10THC)			81.09	810.90
Total CBD (CBDa * 0.877 + CBD)			ND	ND
Total CBG (CBGa * 0.877 + CBG)			ND	ND
Total HHC (9r-HHC + 9s-HHC)			ND	ND
Total Cannabinoids			89.87	898.72
Total camasiloras			07.07	070.72

HME - Heavy Metals Detection Analysis

Analyzed Mar 13, 2023 | Instrument ICP/MSMS | Method SOP-005

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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
Arsenic (As)	0.0002	0.0005	ND	0.2	Cadmium (Cd)	3.0e-05	0.0005	ND	0.2
Mercury (Hg)	1.0e-05	0.0001	ND	0.1	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 Otentification <LOQ 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



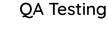




Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Wed, 15 Mar 2023 09:16:38 -0700





Pharm/vare CANNABIS LABORATO Y LIMS & ELN

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SD230311-005 page 2 of 3

QA Testing

MIBIG - Microbial Testing Analysis

Analyzed Mar 13, 2023 | Instrument qPCR and/or 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
Aspergillus fumigatus	ND	ND per 1 gram	Aspergillus flavus	ND	ND per 1 gram
Aspergillus niger	ND	ND per 1 gram	Aspergillus terreus	ND	ND per 1 gram

MTO - Mycotoxin Testing Analysis

Analyzed Mar 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 NA Not Applicable NT Not Reported LOD Limit of Detection LOQ Limit of Otenctification <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, 15 Mar 2023 09:16:38 -0700



PharmLabs San Diego | 3421 Hancock St, Second Floor, San Diego, CA 92110 | 619.356.0898 | ISO/IEC 17025:2017 Certification L17-427-1 This report shall not be reprodued except in full, without the written approval of the Job, This report is for informational purposes only and about not be used to diagoas, treat or prevent any disease. Results are only for samples and batches indicated. Results are reported on The report shall not use scale to the customer to be in compliance. The measurement of uncertainty is not included in the Poss/foll evolution unless expellation (Latter or local) so and has been reported on the customer in our request.

SD230311-005 page 3 of 3

QA Testing

PES - Pesticides Screening Analysis

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

Dimethorate0.00.02ND0.01Etofenprox0.020.010.02ND0.02Dominoade0.00.03ND0.01Dichorvos0.020.07ND0.02Bronzorta0.00.03ND0.02MD0.02ND0.02ND0.02Sprosomine0.010.02ND0.02MD0.010.02ND0.010.02ND0.01Sprosomine0.010.02ND0.01Pacloburca0.010.02ND0.010.02ND0.010.02ND0.010.02ND0.010.02ND0.010.02ND0.010.02ND0.010.02ND0.010.02ND0.010.02ND0.010.02ND0.010.02ND0.010.02ND0.010.02ND0.02ND0.010.02ND <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
Fenosycrih 0.0 0.2 ND 0.0 Thicchipprid 0.01 0.02 0.07 ND 0.01 Dominoldo 0.0 0.07 ND 0.00 Dichlorves 0.01 0.02 ND 0.01 Sprosomine 0.01 0.02 ND 0.01 Coursplos 0.01 0.02 ND 0.01 Giorgarifica 0.01 0.01 ND 0.01 Exhorrephone/(Propher) 0.01 0.02 ND 0.01 Baygor (Propoxr) 0.01 0.02 ND 0.01 Exhorrephone/(Propoxr) 0.03 Metryl Prophon 0.02 0.01 ND 0.03 Metryl Prophon 0.02 0.02 ND 0.03 Aboretryl Prohon 0.02 0.01 ND 0.02 ND 0.03 Aboretryl Prohon 0.02 0.01 ND 0.03 Aboretryl Prohon 0.02 ND 0.01 Dominadi Prohon 0.02 ND 0.01 Dominadi Prohon 0.02 ND 0.01	Aldicarb	0.0078	0.02	ND	0.0078	Carbofuran	0.01	0.02	ND	0.01
Dominovale 0.01 0.03 ND 0.01 Definition value 0.02 0.07 ND 0.02 Spiroamine 0.01 0.02 ND 0.01 Methicarb 0.01 0.02 ND 0.01 Spiroamine 0.01 0.02 ND 0.01 Methicarb 0.01 0.02 ND 0.01 Spiroamine 0.01 0.02 ND 0.01 Pachbotrazel 0.01 0.02 ND 0.01 Charguriss 0.01 0.02 ND 0.01 Methip Paratisin 0.02 ND 0.02 Meinphos 0.03 0.08 ND 0.03 Aberetin 0.03 Aberetin 0.03 0.08 ND 0.1 Acceptote 0.02 0.05 ND 0.1 Accentrating 0.01 0.03 ND 0.1 Brenzite 0.01 0.02 ND 0.1 Hearbaic 0.01 0.01 0.01 0.01 0.01 0.01	Dimethoate	0.01	0.02	ND	0.01	Etofenprox	0.02	0.1	ND	0.02
Imazelli 0.02 0.07 ND 0.02 Methicarb 0.01 0.02 ND 0.01 Spiraxamine 0.01 0.02 ND 0.01 Comorphos 0.01 0.02 ND 0.01 Spiraxamine 0.01 0.01 0.01 Pachobutrazol 0.01 0.02 ND 0.01 Chioryprifos 0.01 0.02 ND 0.01 Ethoprophos (Prophos) 0.01 0.02 ND 0.01 Spirosamine 0.01 0.02 ND 0.01 Ethoprophos (Prophos) 0.01 0.02 ND 0.01 Spirosamine 0.02 0.02 ND 0.03 Absentin 0.02 0.01 Accomptoto 0.02 ND 0.01 Acophato 0.02 0.05 ND 0.1 Accomptoto 0.01 0.05 ND 0.1 Acophato 0.02 0.02 ND 0.1 Biferantin 0.05 ND 0.1 Acophato	Fenoxycarb	0.01	0.02	ND	0.01	Thiachloprid	0.01	0.02	ND	0.01
Spiroxnine0.00.00.0Coumophos0.00	Daminozide	0.01	0.03	ND	0.01	Dichlorvos	0.02	0.07	ND	0.02
Pronli 0.0 0.0 ND 0.01 Pacloburrazol 0.01 0.03 ND 0.01 Chlorpyrifos 0.01 0.02 ND 0.01 Ethoprophos (Prophos) 0.01 0.02 ND 0.01 Chlordrengyr 0.03 0.01 0.02 ND 0.03 Methyl Parchtoin 0.02 0.11 ND 0.02 Chlordrengyr 0.03 0.03 0.03 Methyl Parchtoin 0.02 0.03 ND 0.03 Acephote 0.02 0.05 ND 0.1 Acetomiprid 0.01 0.05 ND 0.1 Acephote 0.02 0.03 ND 0.1 Breazue 0.01 0.05 ND 0.1 Acephote 0.02 0.03 ND 0.1 Breazue 0.01 0.05 ND 0.1 Directhomorph 0.01 0.02 ND 0.1 Eloncomid 0.01 0.02 ND 0.1 Eurobyrobint 0.02 </td <td>Imazalil</td> <td>0.02</td> <td>0.07</td> <td>ND</td> <td>0.02</td> <td>Methiocarb</td> <td>0.01</td> <td>0.02</td> <td>ND</td> <td>0.01</td>	Imazalil	0.02	0.07	ND	0.02	Methiocarb	0.01	0.02	ND	0.01
ChiopryIfes 0.01 0.04 ND 0.01 Ethoprophos) 0.01 0.02 ND 0.01 Baggon (Propoxu') 0.01 0.02 ND 0.01 Chiordene 0.04 0.01 ND 0.02 Mevinphos 0.03 0.03 0.08 ND 0.03 Abarnectin 0.03 0.08 ND 0.01 Abarnectin 0.03 0.08 ND 0.03 Abarnectin 0.03 0.08 ND 0.01 0.05 ND 0.1 Acephote 0.02 0.05 ND 0.1 Actionarity (Proposity) 0.01 0.05 ND 0.1 Acephote 0.01 0.02 ND 0.1 Brenozote 0.01 0.05 ND 0.1 0.05 ND 0.1 0.01 0.02 ND 0.1 Dotton Dotton <t< td=""><td>Spiroxamine</td><td>0.01</td><td>0.02</td><td>ND</td><td>0.01</td><td>Coumaphos</td><td>0.01</td><td>0.02</td><td>ND</td><td>0.01</td></t<>	Spiroxamine	0.01	0.02	ND	0.01	Coumaphos	0.01	0.02	ND	0.01
Baygón (Propoxur) 0.01 0.02 ND 0.01 Chlordane 0.04 0.1 ND 0.04 Chlorfengyr 0.03 0.1 ND 0.03 Methyl Parsthion 0.02 0.1 ND 0.02 Acephate 0.02 0.05 ND 0.1 Acetamiprid 0.01 0.05 ND 0.1 Acephate 0.02 0.05 ND 0.1 Acetamiprid 0.01 0.05 ND 0.1 Acephate 0.01 0.02 ND 0.1 Acetamiprid 0.01 0.05 ND 0.1 Carbaryl 0.01 0.02 ND 0.5 Chlorantraniliprole 0.01 0.02 ND 0.1 Carbaryl 0.01 0.02 ND 0.1 Diarion 0.01 0.05 ND 0.1 Carbaryl 0.01 0.05 ND 0.1 Heydinicax 0.01 0.05 ND 0.1 Main anin 0.01 0.02	Fipronil	0.01	0.1	ND	0.01	Paclobutrazol	0.01	0.03	ND	0.01
Chorebox 0.03 0.1 ND 0.03 Methy Parathion 0.02 0.1 ND 0.02 Mevinphos 0.03 0.08 ND 0.03 Abemetin 0.03 0.08 ND 0.1 Accephote 0.01 0.02 0.05 ND 0.1 Bifenzate 0.01 0.05 ND 0.1 Accephote 0.01 0.02 ND 0.1 Bifenzate 0.01 0.05 ND 0.1 Accephote 0.01 0.02 ND 0.5 Chorantroniliprole 0.01 0.03 ND 0.1 Corbaryl 0.01 0.02 ND 0.5 Chorantroniliprole 0.01 0.02 ND 0.1 Directhomorph 0.02 0.06 ND 2 Etoxazole 0.01 0.02 ND 0.1 Indidactorid 0.01 0.05 ND 5 Kresoale 0.01 0.02 ND 0.1 Indidactorid 0.0	Chlorpyrifos		0.04	ND	0.01	Ethoprophos (Prophos)		0.02	ND	
Mevinphos 0.03 0.08 ND 0.03 Abarnectin 0.03 0.08 ND 0.1 Acephate 0.02 0.05 ND 0.1 Acetomiprid 0.01 0.05 ND 0.1 Acexystrobin 0.01 0.02 ND 0.1 Bifentrinin 0.02 0.03 ND 0.1 Bifentrinin 0.01 0.05 ND 0.1 Corbary 0.01 0.02 ND 0.5 Chiorantroliprole 0.01 0.02 ND 0.1 Clofentezine 0.01 0.02 0.06 ND 2 Exoazole 0.01 0.02 ND 0.1 Dimethomorph 0.02 0.06 ND 2 Exoazole 0.01 0.02 ND 0.1 Flogizoni 0.01 0.05 ND 0.1 Heythizozx 0.01 0.02 ND 0.1 Inidacloprid 0.01 0.05 ND 0.1 Meythizozx 0.01 0.02 </td <td>Baygon (Propoxur)</td> <td>0.01</td> <td>0.02</td> <td>ND</td> <td>0.01</td> <td>Chlordane</td> <td>0.04</td> <td>0.1</td> <td>ND</td> <td>0.04</td>	Baygon (Propoxur)	0.01	0.02	ND	0.01	Chlordane	0.04	0.1	ND	0.04
Acephate 0.02 0.05 ND 0.1 Acetamprid 0.01 0.05 ND 0.1 Azoxystrobin 0.01 0.02 ND 0.1 Bifenozate 0.01 0.05 ND 0.1 Azoxystrobin 0.02 0.03 ND 0.1 Biscolid 0.01 0.05 ND 0.1 Carboryl 0.01 0.02 ND 0.5 Chlorantranilprole 0.01 0.04 ND 10 Clofentezine 0.01 0.02 ND 0.1 Diazinon 0.01 0.02 ND 0.1 Eindersonrich 0.02 0.1 ND 0.1 Hoazinon 0.01 0.02 ND 0.1 Feldproxinte 0.02 0.1 ND 0.1 Hoazinon 0.01 0.02 ND 0.1 Inidacloprid 0.01 0.02 0.1 ND 0.1 Heavinal 0.01 0.02 ND 0.1 Inidacloprid 0.01 <td>Chlorfenapyr</td> <td></td> <td>0.1</td> <td></td> <td>0.03</td> <td>Methyl Parathion</td> <td></td> <td>0.1</td> <td>ND</td> <td>0.02</td>	Chlorfenapyr		0.1		0.03	Methyl Parathion		0.1	ND	0.02
Azoxystrobin 0.01 0.02 ND 0.1 Bifenzate 0.01 0.05 ND 0.1 Bifenthrin 0.02 0.35 ND 3 Boscalid 0.01 0.03 ND 0.1 Carbary 0.01 0.02 ND 0.5 Chorentraniliprole 0.01 0.02 ND 0.1 Clofentzine 0.01 0.03 ND 0.1 Dizaron 0.01 0.02 ND 0.1 Dimethomorph 0.02 0.1 ND 0.1 Floriazon 0.01 0.02 ND 0.1 Fludiosonii 0.02 0.1 ND 0.1 Floriazon 0.01 0.03 ND 0.1 Midathin 0.01 0.05 ND 0.5 Metolaxyl 0.01 0.02 ND 0.1 Methonyl 0.02 0.05 ND 0.5 Metolaxyl 0.01 0.02 ND 0.1 Methonyl 0.02 0.05 ND 0.1 Oxamyl 0.01 0.02 ND 0.1 Pip	Mevinphos	0.03	0.08	ND	0.03	Abamectin	0.03	0.08	ND	0.1
Bifenthrin 0.02 0.35 ND 3 Boscalid 0.01 0.03 ND 0.1 Carboryl 0.01 0.02 ND 0.5 Chlorantraniliprale 0.01 0.02 ND 0.1 Clofentezine 0.01 0.02 ND 0.1 Dication 0.01 0.02 ND 0.1 Fenpyroximate 0.02 0.1 ND 0.1 Floricamid 0.01 0.02 ND 0.1 Indidactorid 0.01 0.05 ND 0.1 Floricamid 0.01 0.03 ND 0.1 Indidactorid 0.01 0.05 ND 0.5 Kresoxim-methyl 0.01 0.02 ND 0.1 Indidactorid 0.01 0.05 ND 0.5 Kresoxim-methyl 0.01 0.02 ND 0.1 Malathian 0.01 0.05 ND 0.5 Metaoxyl 0.01 0.02 ND 0.1 Noled 0.02	Acephate	0.02	0.05	ND	0.1	Acetamiprid	0.01	0.05	ND	0.1
Carbaryl 0.01 0.02 ND 0.5 Chlorantraniliprole 0.01 0.04 ND 10 Clofentezine 0.01 0.03 ND 0.1 Diaznon 0.01 0.02 ND 0.1 Dimethomorph 0.02 0.06 ND 2 Etoxazole 0.01 0.02 ND 0.1 Fludiconil 0.02 0.1 ND 0.1 Floricamid 0.01 0.02 ND 0.1 Inidacloprid 0.01 0.05 ND 5 Kresoxim-methyl 0.01 0.02 ND 0.1 Malathion 0.01 0.05 ND 5 Meesoxim 0.01 0.02 ND 0.1 Malathion 0.01 0.05 ND 5 Meesoxim 0.01 0.02 ND 0.1 Malathion 0.01 0.05 ND 1 Myclobatranil 0.02 ND 0.1 Malathion 0.02 0.05 ND	Azoxystrobin	0.01	0.02	ND	0.1	Bifenazate	0.01	0.05	ND	0.1
Clofentezine 0.01 0.03 ND 0.1 Diazinon 0.01 0.02 ND 0.1 Dimethomorph 0.02 0.06 ND 2 Etoxazole 0.01 0.02 ND 0.1 Fenguroximate 0.02 0.1 ND 0.1 Flonicomid 0.01 0.02 ND 0.1 Fludioxonil 0.01 0.05 ND 0.1 Hexythiazox 0.01 0.03 ND 0.1 Midathion 0.01 0.05 ND 0.5 Kresoxim-methyl 0.01 0.02 ND 0.1 Midathion 0.01 0.05 ND 0.5 Kresoxim-methyl 0.01 0.02 ND 0.1 Midathion 0.01 0.02 0.05 ND 1 Myclobutanil 0.02 0.07 ND 0.1 Noled 0.02 0.05 ND 0.1 Oxamyl 0.01 0.02 ND 0.1 Periorphylibutoxide 0.0	Bifenthrin	0.02	0.35	ND	3	Boscalid	0.01	0.03	ND	0.1
Dimethomorph 0.02 0.06 ND 2 Etoxacole 0.01 0.05 ND 0.1 Fengroximate 0.02 0.1 ND 0.1 Flonicomid 0.01 0.03 ND 0.1 Ibidiaconid 0.01 0.05 ND 0.1 Hexythiazox 0.01 0.03 ND 0.1 Imidacoprid 0.01 0.05 ND 5 Kresom-methyl 0.01 0.03 ND 0.1 Malathian 0.01 0.05 ND 0.5 Metaloxyl 0.01 0.02 ND 0.1 Netodoprid 0.02 0.05 ND 1 Myclobutanil 0.02 0.07 ND 0.1 Netodoprid 0.02 0.05 ND 0.1 Oxamyl 0.01 0.02 ND 0.1 Permethrin 0.02 0.06 ND 3 Projaconazole 0.01 0.02 ND 0.1 Prideben 0.02 0.07	Carbaryl	0.01	0.02	ND	0.5	Chlorantraniliprole	0.01	0.04	ND	10
Fengyroximate 0.02 0.1 ND 0.1 Flonicamid 0.01 0.02 ND 0.1 Fludiconii 0.01 0.05 ND 0.1 Hexythiazox 0.01 0.05 ND 0.1 Inidacloprid 0.01 0.05 ND 5 Kresoxim-methyl 0.01 0.05 ND 0.1 Malathian 0.01 0.05 ND 0.5 Metalaxyl 0.01 0.02 ND 2 Methomyl 0.02 0.05 ND 1 Myclobutanil 0.02 0.07 ND 0.1 Noled 0.01 0.02 ND 0.1 Oxamyl 0.01 0.02 ND 0.1 Peremethrin 0.01 0.02 ND 0.1 Oxamyl 0.01 0.02 ND 0.1 Prolethrin 0.02 0.05 ND 0.1 Pyrethrin 0.05 ND 0.1 Spinosad D 0.01 0.02 ND 0.1<	Clofentezine	0.01	0.03	ND	0.1	Diazinon	0.01	0.02	ND	0.1
Fludioxonil 0.01 0.05 ND 0.1 Hexythiazox 0.01 0.03 ND 0.1 Imidacoprid 0.01 0.05 ND 5 Kresoxim-methyl 0.01 0.02 ND 0.1 Malathion 0.01 0.05 ND 0.5 Kresoxim-methyl 0.01 0.02 ND 0.2 Methonyl 0.01 0.02 0.05 ND 1 Myclobutanil 0.02 0.07 ND 0.1 Noled 0.01 0.02 0.05 ND 0.1 Oxamyl 0.01 0.02 ND 0.1 Perrothrin 0.01 0.02 0.06 ND 3 Propiconazole 0.03 0.08 ND 0.1 Prailethrin 0.02 0.06 ND 0.1 Spinosad A 0.01 0.05 ND 0.1 Spinosad A 0.01 0.02 ND 0.1 Spinosad A 0.01 0.02 ND 0.1 Spinosazol 0.01 </td <td>Dimethomorph</td> <td>0.02</td> <td>0.06</td> <td>ND</td> <td>2</td> <td>Etoxazole</td> <td>0.01</td> <td>0.05</td> <td>ND</td> <td>0.1</td>	Dimethomorph	0.02	0.06	ND	2	Etoxazole	0.01	0.05	ND	0.1
Imidacloprid 0.01 0.05 ND 5 Kresoxim-methyl 0.01 0.03 ND 0.1 Malarthion 0.01 0.05 ND 0.5 Metaloxyl 0.01 0.03 ND 2 Methomyl 0.02 0.05 ND 1 Myclobutanil 0.02 0.07 ND 0.1 Neled 0.01 0.02 ND 0.1 Oxomyl 0.01 0.02 ND 0.5 Permethrin 0.01 0.02 ND 0.5 Phosmet 0.01 0.02 ND 0.1 Prailethrin 0.02 0.06 ND 3 Projiconozole 0.05 0.08 ND 0.1 Praidebrin 0.02 0.07 ND 0.1 Spinosad A 0.01 0.05 ND 0.1 Spinosad D 0.01 0.02 ND 0.1 SpinosadA 0.01 0.02 ND 0.1 Spinosad D 0.01 0.02 ND	Fenpyroximate	0.02	0.1	ND	0.1	Flonicamid	0.01	0.02	ND	0.1
Malathon 0.01 0.05 ND 0.5 Metadaxyl 0.01 0.02 ND 2 Methonyl 0.02 0.05 ND 1 Myclobutanil 0.02 0.07 ND 0.1 Noled 0.01 0.02 ND 0.1 Oxamyl 0.01 0.02 ND 0.5 Permethrin 0.01 0.02 ND 0.5 Phosmet 0.01 0.02 ND 0.1 Piperonyl Butoxide 0.02 0.06 ND 3 Propiconozole 0.03 0.08 ND 0.1 Piperonyl Butoxide 0.02 0.05 ND 0.1 Pyrethrin 0.05 0.41 ND 0.5 Pyridaben 0.02 0.07 ND 0.1 Spinosad A 0.01 0.05 ND 0.1 Spinosad D 0.01 0.02 ND 0.1 Tbuconazole 0.01 0.02 ND 0.1 Spirosteramat 0.01 0.02	Fludioxonil	0.01	0.05	ND	0.1	Hexythiazox	0.01	0.03	ND	0.1
Methomyl 0.02 0.05 ND 1 Myclobutanil 0.02 0.07 ND 0.1 Naled 0.01 0.02 ND 0.1 Oxamyl 0.01 0.02 ND 0.5 Permethrin 0.01 0.02 ND 0.5 Phosmet 0.01 0.02 ND 0.1 Piperonyl Butoxide 0.02 0.06 ND 3 Propiconazole 0.03 0.08 ND 0.1 Prailethrin 0.02 0.06 ND 0.1 Spinosad A 0.01 0.05 ND 0.1 Pyridoben 0.02 0.07 ND 0.1 Spinosad A 0.01 0.05 ND 0.1 Spinosad D 0.01 0.02 ND 0.1 Spinosazole 0.01 0.02 ND 0.1 Spinosad D 0.01 0.02 ND 0.1 Spinosazole 0.01 0.02 ND 0.1 Spinotetramat 0.01 0.02	Imidacloprid	0.01	0.05	ND	5	Kresoxim-methyl	0.01	0.03	ND	0.1
Nole 0.01 0.02 ND 0.1 Oxamyl 0.01 0.02 ND 0.5 Permethrin 0.01 0.02 ND 0.5 Phosmet 0.01 0.02 ND 0.1 Piperonyl Butoxide 0.02 0.06 ND 3 Propiconazole 0.03 0.08 ND 0.1 Prailethrin 0.02 0.05 ND 0.1 Pyrethrin 0.05 0.41 ND 0.5 Purideben 0.02 0.07 ND 0.1 Spirosod A 0.01 0.05 ND 0.1 Spirostard D 0.01 0.02 ND 0.1 Spirosod A 0.01 0.02 ND 0.1 Spirostarmat 0.01 0.02 ND 0.1 Tebuconazole 0.01 0.02 ND 0.1 Cypermethrin 0.02 0.02 ND 0.1 Captan 0.01 0.02 ND 0.1 Cypermethrin 0.02 0.07	Malathion	0.01	0.05	ND	0.5	Metalaxyl	0.01	0.02	ND	2
Permethrin 0.01 0.02 ND 0.5 Phosmet 0.01 0.02 ND 0.1 Piperonyl Butoxide 0.02 0.06 ND 3 Propiconazole 0.03 0.08 ND 0.1 Piperonyl Butoxide 0.02 0.05 ND 0.1 Pyrethrin 0.05 0.41 ND 0.5 Pyridoben 0.02 0.07 ND 0.1 Spinosad A 0.01 0.05 ND 0.1 Spinosad D 0.01 0.02 ND 0.1 Spinosad A 0.01 0.05 ND 0.1 Spinosad D 0.01 0.02 ND 0.1 Spinosad A 0.01 0.02 ND 0.1 Spinosad D 0.01 0.02 ND 0.1 Tebuconazole 0.01 0.02 ND 0.1 Spinotetramat 0.01 0.02 ND 0.1 Captan 0.01 0.02 ND 0.1 Cypermethrin 0.02 <t< td=""><td>Methomyl</td><td>0.02</td><td>0.05</td><td>ND</td><td>1</td><td>Myclobutanil</td><td>0.02</td><td>0.07</td><td>ND</td><td>0.1</td></t<>	Methomyl	0.02	0.05	ND	1	Myclobutanil	0.02	0.07	ND	0.1
Piperonyl Butoxide 0.02 0.06 ND 3 Propiconazole 0.03 0.08 ND 0.1 Prailethrin 0.02 0.05 ND 0.1 Pyrethrin 0.05 0.01 ND 0.5 Prailethrin 0.02 0.07 ND 0.1 Pyrethrin 0.01 0.05 ND 0.1 Spinosad D 0.01 0.02 0.07 ND 0.1 Spinosad A 0.01 0.05 ND 0.1 Spinosad D 0.01 0.05 ND 0.1 Spinosad A 0.02 0.06 ND 0.1 Spinosad D 0.01 0.02 ND 0.1 Spinosad A 0.02 0.06 ND 0.1 Spinosad D 0.01 0.02 ND 0.1 Tebuconazole 0.01 0.02 ND 0.1 Spinosad D 0.02 0.02 ND 0.1 Capton 0.01 0.02 ND 0.1 Aceguinocyl 0.02<	Naled	0.01	0.02	ND	0.1	Oxamyl	0.01	0.02	ND	0.5
Prallethrin 0.02 0.05 ND 0.1 Pyrethrin 0.05 0.41 ND 0.5 Pyridoben 0.02 0.07 ND 0.1 Spinosad A 0.01 0.05 ND 0.1 Spinosad D 0.01 0.05 ND 0.1 Spinosad A 0.01 0.05 ND 0.1 Spinosad D 0.01 0.05 ND 0.1 Spinosad A 0.02 0.06 ND 0.1 Spinosad D 0.01 0.02 ND 0.1 Spinosad A 0.01 0.02 ND 0.1 Spinostarmat 0.01 0.02 ND 0.1 Tebuconazole 0.01 0.02 ND 0.1 Acequinocyl 0.02 0.02 ND 0.1 Captan 0.01 0.02 ND 0.7 Cypermethrin 0.02 0.07 ND 0.1 Spinetoran JL 0.02 0.07 ND 0.1 Penhexamid 0.02 0.07 <td>Permethrin</td> <td>0.01</td> <td>0.02</td> <td>ND</td> <td>0.5</td> <td>Phosmet</td> <td>0.01</td> <td>0.02</td> <td>ND</td> <td>0.1</td>	Permethrin	0.01	0.02	ND	0.5	Phosmet	0.01	0.02	ND	0.1
Pyridaben 0.02 0.07 ND 0.1 Spinosad A 0.01 0.05 ND 0.1 Spinosad D 0.01 0.05 ND 0.1 Spinosad A 0.01 0.05 ND 0.1 Spinosad D 0.01 0.05 ND 0.1 Spinosad A 0.02 0.06 ND 0.1 Spinosad D 0.01 0.02 ND 0.1 Spinosad A 0.01 0.02 ND 0.1 Spinosad D 0.01 0.02 ND 0.1 Tebuconazole 0.01 0.02 ND 0.1 Aceguinocyl 0.02 0.02 ND 0.1 Captan 0.01 0.02 ND 0.7 Cypermethrin 0.02 0.07 ND 1 Cyfluthrin 0.02 0.07 ND 2 Fenhexamid 0.02 0.07 ND 0.1 Spinetoram JL 0.02 0.07 ND 0.1	Piperonyl Butoxide				3	Propiconazole		0.08	ND	
Spinosad D 0.01 0.02 ND 0.1 Spiromesifen 0.02 0.06 ND 0.1 Spirotetramat 0.01 0.02 ND 0.1 Tebuconozole 0.01 0.02 ND 0.1 Iniamethoxam 0.01 0.02 ND 0.5 Triffoxystrobin 0.01 0.02 ND 0.1 Acequinocyl 0.02 0.09 ND 0.1 Captan 0.01 0.02 ND 0.7 Cypermethrin 0.02 0.07 ND 1 Cyfluthrin 0.04 0.1 ND 2 Fenhexamid 0.02 0.07 ND 0.1 Spinetoram JL 0.02 0.07 ND 0.1	Prallethrin	0.02	0.05	ND	0.1	Pyrethrin	0.05	0.41	ND	0.5
Spirotetramat 0.01 0.02 ND 0.1 Tebuconazole 0.01 0.02 ND 0.1 Thiamethoxam 0.01 0.02 ND 5 Trifloxystrobin 0.01 0.02 ND 0.1 Acequinocyl 0.02 0.09 ND 0.1 Captan 0.01 0.02 ND 0.7 Qipermethrin 0.02 0.1 ND 1 Cyfluthrin 0.04 0.1 ND 2 Fenhexamid 0.02 0.07 ND 0.1 Spinetoram J,L 0.02 0.07 ND 0.1	Pyridaben	0.02	0.07	ND	0.1	Spinosad A	0.01	0.05	ND	0.1
Thiamethoxam 0.01 0.02 ND 5 Trifloxystrobin 0.01 0.02 ND 0.1 Acequinocyl 0.02 0.09 ND 0.1 Captan 0.01 0.02 ND 0.7 Cypermethrin 0.02 0.1 ND 1 Cyfluthrin 0.04 0.1 ND 2 Fenhexamid 0.02 0.07 ND 0.1 Spinetoram J,L 0.02 0.07 ND 0.1	Spinosad D	0.01	0.05	ND	0.1	Spiromesifen	0.02	0.06	ND	0.1
Acequinocyl 0.02 0.09 ND 0.1 Captan 0.01 0.02 ND 0.7 Cypermethrin 0.02 0.1 ND 1 Cyfluthrin 0.04 0.1 ND 2 Fenhexamid 0.02 0.07 ND 0.1 Spinetoram J,L 0.02 0.07 ND 0.1	Spirotetramat	0.01	0.02	ND	0.1	Tebuconazole	0.01	0.02	ND	0.1
Cypermethrin 0.02 0.1 ND 1 Cyfluthrin 0.04 0.1 ND 2 Fenhexamid 0.02 0.07 ND 0.1 Spinetoram J,L 0.02 0.07 ND 0.1	Thiamethoxam	0.01	0.02	ND	5	Trifloxystrobin	0.01	0.02	ND	0.1
Fenhexamid 0.02 0.07 ND 0.1 Spinetoram J,L 0.02 0.07 ND 0.1	Acequinocyl	0.02	0.09	ND	0.1	Captan	0.01	0.02	ND	0.7
	Cypermethrin	0.02	0.1	ND	1	Cyfluthrin	0.04	0.1	ND	2
Pentachloronitrobenzene 0.01 0.1 ND 0.1	Fenhexamid	0.02	0.07	ND	0.1	Spinetoram J,L	0.02	0.07	ND	0.1
	Pentachloronitrobenzene	0.01	0.1	ND	0.1					

RES - Residual Solvents Testing Analysis

Analyzed Mar 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	5000.0	Butane (But)	0.4	40.0	ND	5000.0
Methanol (Metha)	0.4	40.0	ND	3000.0	Ethylene Oxide (EthOx)	0.4	0.8	ND	1.0
Pentane (Pen)	0.4	40.0	ND	5000.0	Ethanol (Ethan)	0.4	40.0	<loq< td=""><td>5000.0</td></loq<>	5000.0
Ethyl Ether (EthEt)	0.4	40.0	ND	5000.0	Acetone (Acet)	0.4	40.0	ND	5000.0
Isopropanol (2-Pro)	0.4	40.0	ND	5000.0	Acetonitrile (Acetonit)	0.4	40.0	ND	410.0
Methylene Chloride (MetCh)	0.4	0.8	ND	1.0	Hexane (Hex)	0.4	40.0	ND	290.0
Ethyl Acetate (EthAc)	0.4	40.0	ND	5000.0	Chloroform (Clo)	0.4	0.8	ND	1.0
Benzene (Ben)	0.4	0.8	ND	1.0	1-2-Dichloroethane (12-Dich)	0.4	0.8	ND	1.0
Heptane (Hep)	0.4	40.0	ND	5000.0	Trichloroethylene (TriClEth)	0.4	0.8	ND	1.0
Toluene (Toluene)	0.4	40.0	ND	890.0	Xylenes (Xyl)	0.4	40.0	ND	2170.0

FVI - Filth & Foreign Material Inspection Analysis

Analyzed Mar 10, 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

UI Not Identified ND Not Detected NA Not Applicable NT Not Reported LOD Limit of Detection LOQ Limit of Quantification <LOQ Detected NUCU. Above upper limit of linearity >ULCU. 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, 15 Mar 2023 09:16:38 -0700



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