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PharmLabs San Diego Certificate of Analysis

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Sample Lights Out - Grape Ape

	-
dim.	
2000	SD Pharm Labs
	CDDharmlahe

QA Testing

Sample ID SD230202-055 (61019)	Matrix	Concentrate (Inhalable Cannabis Good)	
Distributor License 604034860	Address 1 Vanderbilt, Irvine	CA, 92618 Name Savage Enterprises	
Sampled -	Received Feb 02, 2023	Reported Apr 14, 2023	
Analyses executed CANX, RES, MIBIG, MT	D, PES, HME, FVI		

Laboratory note: The estimated concentration of the unknown peak in the sample is 2.40% | 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 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 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 55.44%.

CANX - Cannabinoids Analysis

Analyzed Apr 14, 2023 | Instrument HPLC-VWD | Method The expanded Uncertainty of the Cannabinoid analysis is approximately **3**.806% at the 95% Confidence Level

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-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THC)	0.007	0.021	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	ND	ND
Cannabigerol Acid (CBGA)	0.001	0.16	1.27	12.69
Cannabigerol (CBG)	0.001	0.16	0.19	1.94
Cannabidiol (CBD)	0.001	0.16	0.76	7.57
1(S)-THD (s-THD)	0.013	0.041	ND	ND
1(R)-THD (r-THD)	0.025	0.075	ND	ND
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND
Δ8-tetrahydrocannabivarin (Δ8-THCV)	0.021	0.064	ND	ND
Cannabidihexol (CBDH)	0.005	0.16	ND	ND
Tetrahydrocannabutol (Δ9-THCB)	0.013	0.038	ND	ND
Cannabinol (CBN)	0.001	0.16	1.82	18.16
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	53.44	534.40
6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.16	1.67	16.73
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	ND	ND
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.16	21.20	211.97
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	1.55	15.49
Cannabinol Acetate (CBNO)	0.014	0.043	ND	ND
Δ9-Tetrahydrocannabiphorol (Δ9-THCP)	0.017	0.16	1.89	18.87
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-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)	0.067	0.204	ND	ND
Δ9-THC methyl ether (Δ9-MeO-THC)			NT	NT
Total THC (THCa * 0.877 + Δ9THC)			ND	ND
Total THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC)			76.31	763.10
Total CBD (CBDa * 0.877 + CBD)			0.76	7.57
Total CBG (CBGa * 0.877 + CBG)			1.31	13.07
Total HHC (9r-HHC + 9s-HHC)			ND	ND
Total Cannabinoids			83.63	836.26

HME - Heavy Metals Detection Analysis

Analyzed Feb 07, 2023 | Instrument ICP/MSMS | Method SOP-005

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	<loq< td=""><td>0.2</td><td>Cadmium (Cd)</td><td>3.0e-05</td><td>0.0005</td><td>ND</td><td>0.2</td></loq<>	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	0.04	0.5

UI Not Identified ND Not Detected N/A Not Applicable NT Not Reported LOD Limit of Detection LOQ Limit of Otenctification <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 Fri, 14 Apr 2023 13:59:38 -0700



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QA Testing

MIBIG - Microbial Testing Analysis

Analyzed Feb 06, 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 Feb 06, 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 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 Fri, 14 Apr 2023 13:59:38 -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 reproduced except in full, without the written approval of the lab. This report is for informational purposes only and should not be used to diagnose, treat or prevent any disease. Results are only for samples and batches indicated. Results are reported on an "os received" basis, unless indicated otherwise. When a Pass/Fail status is reported, that status is intended to be in accordance with federal, state and local laws which are required for the customer to be in compliance. The measurement of uncertainty is not included in the Pass/Fail evolution unless explicitude, state or including and accordance with federal or should not be upon request.

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QA Testing

PES - Pesticides Screening Analysis

Analyzed Feb 06, 2023 | Instrument LC/MSMS GC/MSMS | Method SOP-003

Aldcarb0.00780.02ND0.07Carbofrom0.010.02ND0.01Fenorycarb0.010.02ND0.00Thechloprid0.010.02ND0.02Fenorycarb0.010.020.07ND0.000.02ND0.02ND0.02Imozalli0.020.07ND0.000.02ND0.02ND0.02ND0.02ND0.02ND0.02ND0.02ND0.02ND0.02ND0.02ND0.02ND0.010.02ND0.010.02ND0.010.02ND0.010.02ND0.010.02ND0.010.02ND0.010.02ND0.010.02ND0.010.02ND0.010.02ND0.010.02NDND <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
Fenogyach 0.01 0.02 ND 0.01 Thickopyrid 0.01 0.02 0.07 ND 0.02 Imazali 0.02 0.07 ND 0.02 Methicarb 0.01 0.02 ND 0.01 Spirosamico 0.01 0.02 ND 0.01 0.02 ND 0.01 Epronil 0.01 0.01 ND 0.01 0.02 ND 0.01 Bargyang/Propowany 0.01 0.02 ND 0.01 Ethoprophor (Prophon) 0.02 0.01 ND 0.02 Bargyang/Propowany 0.01 0.02 ND 0.03 Methyl Porthin 0.02 0.01 ND 0.02 Methyl Porthin 0.02 0.02 ND 0.03 Accimation 0.03 0.06 ND 0.01 Accimation 0.02 ND 0.01 0.05 ND 0.01 0.05 ND 0.01 0.05 ND 0.01 0.02 ND 0.01 0.02	Aldicarb	0.0078	0.02	ND	0.0078	Carbofuran	0.01	0.02	ND	0.01
Daminadie 0.01 0.03 ND 0.01 Delorwas 0.02 0.07 ND 0.02 Sproxamie 0.01 0.02 ND 0.01 Methicarb 0.01 0.02 ND 0.01 Sproxamie 0.01 0.02 ND 0.01 Pacobutrazol 0.01 0.02 ND 0.01 Sproxamie 0.01 0.02 ND 0.01 Pacobutrazol 0.01 0.02 ND 0.01 Chorpurfos 0.01 0.02 ND 0.01 Ethoprophos (trophos) (trophos) 0.01 0.02 ND 0.01 Mevinphos 0.03 0.11 ND 0.03 Methig Paratinian 0.03 0.01 Accentratinian 0.03 0.01 Motion Acephote 0.02 0.05 ND 0.1 Beroarde 0.01 0.02 ND 0.1 Bromatin 0.02 ND 0.1 Beroarde 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
InnaceIII 0.02 0.07 ND 0.02 Methicarb 0.01 0.02 ND 0.01 Spiraxamine 0.01 0.02 ND 0.01 0.02 ND 0.01 0.01 0.02 ND 0.01 0.01 0.01 0.02 ND 0.01 0.01 0.02 ND 0.01 0.01 0.01 0.01 0.02 ND 0.01 0.01 0.01 0.01 0.01 0.02 ND 0.01 0.02 ND 0.01 0.02 ND 0.01 0.01 0.02 ND 0.01 0.02 ND 0.01 0.02 ND 0.01 0.02 ND 0.01	Fenoxycarb	0.01	0.02	ND	0.01	Thiachloprid	0.01	0.02	ND	0.01
Spirzownine 0.0 0.0 0.01 0.02 0.01 0.02 0.01 0.02 0.01 0.02 0.01 0.02 0.01 0.02 0.01 0.02 0.01 0.01 0.02 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01	Daminozide	0.01	0.03	ND	0.01	Dichlorvos	0.02	0.07	ND	0.02
Proni 0.01 0.01 ND 0.01 Packburrace 0.01 0.03 ND 0.01 Chiorpyrifos 0.01 0.02 ND 0.01 Ethoprophos (Prophos) 0.01 0.03 ND 0.01 Buggon (Propoxur) 0.01 0.02 ND 0.01 Chiordone 0.02 0.01 ND 0.02 Chiorfengur 0.03 0.03 0.03 ND 0.03 Methyl Parchtoin 0.02 0.08 ND 0.03 Acephote 0.02 0.03 ND 0.1 Acetarniprid 0.01 0.05 ND 0.1 Aconstrobin 0.01 0.02 ND 0.1 Brenzate 0.01 0.03 ND 0.1 Bifentrin 0.02 0.03 ND 0.1 Bifenzate 0.01 0.04 ND 0.1 Carbory 0.01 0.02 ND 0.1 Evarale 0.01 0.02 ND 0.1 Dinehomorph	Imazalil	0.02	0.07	ND	0.02	Methiocarb	0.01	0.02	ND	0.01
Chicpropix 0.01 0.04 ND 0.01 Ethoprophos(Propox) 0.01 0.02 ND 0.01 Baygon (Propoxu) 0.03 0.01 ND 0.01 Chiordene 0.04 0.1 ND 0.02 Mevinphos 0.03 0.03 ND 0.03 Abamectin 0.05 0.08 ND 0.1 Acephote 0.02 0.05 ND 0.11 Actimition 0.05 ND 0.1 Acephote 0.02 0.05 ND 0.1 Bifenozote 0.01 0.05 ND 0.1 Acephote 0.01 0.02 ND 0.5 Chicrontronliprole 0.01 0.04 ND 0.1 Corboryl 0.01 0.02 ND 0.1 Diaton 0.01 0.03 ND 0.1 Corboryl 0.02 0.06 ND 2 Etoxazole 0.01 0.03 ND 0.1 Corboryl 0.02 0.05 ND	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 Chlordener 0.04 0.1 ND 0.04 Chlorfenopur 0.03 0.03 0.08 ND 0.03 Abamectin 0.03 0.08 ND 0.01 Acetomiprid 0.02 0.05 ND 0.1 Acetomiprid 0.01 0.05 ND 0.1 Aceogetoin 0.02 0.05 ND 0.1 Acetomiprid 0.01 0.05 ND 0.1 Aceogetoin 0.01 0.02 ND 0.1 Acetomiprid 0.01 0.05 ND 0.1 0.01 0.05 ND 0.1 0.01 0.02 ND 0.1 Corberty 0.01 0.02 ND 0.1 0.02 ND 0.1 Interviduation 0.01 0.02 ND 0.1	Fipronil	0.01	0.1	ND	0.01	Paclobutrazol	0.01	0.03	ND	0.01
Chorfengy 0.03 0.1 ND 0.03 Methyl Parathion 0.02 0.1 ND 0.02 Merkinphos 0.03 0.03 0.00 Abametin 0.02 0.01 0.02 Merkinphos 0.02 0.03 ND 0.03 Abametin 0.03 0.08 ND 0.1 Accephate 0.01 0.02 ND 0.1 Bifenzate 0.01 0.05 ND 0.1 Accephate 0.01 0.02 ND 0.1 Bifenzate 0.01 0.02 ND 0.1 Choraryl 0.01 0.02 ND 0.5 Chlorantroniliprole 0.01 0.04 ND 0.1 Dimethomorph 0.02 0.06 ND 2 Etoxazole 0.01 0.02 ND 0.1 Indiactorial 0.01 0.05 ND 0.1 Heavitiazox 0.01 0.02 ND 0.1 Indiactorial 0.01 0.05 ND	Chlorpyrifos	0.01	0.04	ND	0.01	Ethoprophos (Prophos)	0.01	0.02	ND	0.01
Mevinpho 0.03 0.08 ND 0.03 Abarnectin 0.03 0.08 ND 0.1 Aceoptate 0.02 0.05 ND 0.1 Acetorniprid 0.01 0.05 ND 0.1 Acoxgustrobin 0.01 0.02 ND 0.1 Bifentoria 0.01 0.05 ND 0.1 Bifentrin 0.02 0.35 ND 3 Boscild 0.01 0.03 ND 0.1 Carbaryl 0.01 0.02 ND 0.5 Chlorantrollipole 0.01 0.02 ND 0.1 Dimethomorph 0.02 0.06 ND 2 Etoxazole 0.01 0.02 ND 0.1 Penpyroximate 0.02 0.01 ND 0.1 Heythiazax 0.01 0.03 ND 0.1 Inidacloprid 0.01 0.05 ND 5 Kreosmin-methyl 0.01 0.02 ND 0.1 Metomyl 0.02 0.05 <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 Azoystrobin 0.01 0.02 ND 0.1 Bifenozate 0.01 0.05 ND 0.1 Azoystrobin 0.01 0.02 ND 0.1 Bifenozate 0.01 0.05 ND 0.1 0.01 0.05 ND 0.1 0.01 0.04 ND 0.1 0.01 0.02 ND 0.01 0.02 ND 0.1 Diozinon 0.01 0.02 ND 0.1 Diozinon 0.01 0.02 ND 0.1 Filozicanid 0.01 0.02 ND 0.1 Milozicanid 0.01 0.02 ND 0.1 Milozicanid 0.01 0.02 ND	Chlorfenapyr	0.03	0.1	ND	0.03	Methyl Parathion	0.02	0.1	ND	0.02
Azoxystrobin 0.01 0.02 ND 0.1 Bifenozate 0.01 0.05 ND 0.1 Bifenthrin 0.02 0.35 ND 3 Boscalid 0.01 0.03 ND 0.1 Carbory 0.01 0.02 ND 0.5 Chorantranliprole 0.01 0.02 ND 0.1 Dicarinon 0.01 0.02 ND 0.1 Cinfentzine 0.01 0.02 0.06 ND 0.1 Dicarinon 0.01 0.02 ND 0.1 Dimethomorph 0.02 0.01 ND 0.1 Flonicamid 0.01 0.02 ND 0.1 Fluidoconil 0.01 0.05 ND 0.1 Hexythizox 0.01 0.03 ND 0.1 Inidacloprid 0.01 0.05 ND 0.1 Metodxyl 0.01 0.02 ND 0.1 Nold 0.02 0.05 ND 0.1 Mycobutanil 0.02 0.02 ND 0.1 Nold 0.02 0.05 ND 0.1	Mevinphos		0.08	ND	0.03	Abamectin		0.08	ND	0.1
Bifenthrin 0.02 0.35 ND 3 Boscalid 0.01 0.03 ND 0.1 Carbaryl 0.01 0.02 ND 0.5 Chlorantraniliprale 0.01 0.02 ND 0.1 Clofentezine 0.01 0.02 ND 0.1 Diazinon 0.01 0.02 ND 0.1 Fenpyroximate 0.02 0.1 ND 0.1 Flonicamid 0.01 0.02 ND 0.1 Indiactoprid 0.01 0.05 ND 0.1 Hexythiazox 0.01 0.03 ND 0.1 Indiactoprid 0.01 0.05 ND 0.5 Kresoxim-methyl 0.01 0.02 ND 0.1 Malathion 0.01 0.05 ND 0.5 Kresoxim-methyl 0.01 0.02 ND 0.1 Malathion 0.02 0.05 ND 0.5 Properoxitaria 0.01 0.02 ND 0.1 Nold 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 0 Clofentzine 0.01 0.02 0.06 ND 0.1 Diazion 0.01 0.02 ND 0.1 Dimethomorph 0.02 0.06 ND 2 Etoxazole 0.01 0.02 ND 0.1 Fugioxinite 0.02 0.1 ND 0.1 Honicamid 0.01 0.02 ND 0.1 Fludioxonil 0.01 0.02 ND 0.1 Hextinizax 0.01 0.03 ND 0.1 Malathion 0.01 0.05 ND 5 Kresoxim-methyl 0.01 0.02 ND 0.1 Naled 0.02 0.05 ND 0.5 Metolaxyl 0.01 0.02 ND 0.5 Permethrin 0.01 0.02 ND 0.1 Myclobutnil 0.02 ND 0.1 Projol Butoxide 0.02 0.02	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 Floricanid 0.01 0.02 ND 0.1 Fludioxonil 0.01 0.05 ND 0.1 Hexythiazox 0.01 0.03 ND 0.1 Imidacioprid 0.01 0.05 ND 5 Kresoxim-methyl 0.01 0.02 ND 0.1 Malathion 0.01 0.05 ND 0.5 Metodyl 0.01 0.02 ND 0.1 Neled 0.01 0.02 0.05 ND 1 Myclobutanil 0.02 0.07 ND 0.1 Neled 0.01 0.02 ND 0.1 Oxamyl 0.01 0.02 ND 0.1 Permethrin 0.01 0	Bifenthrin	0.02	0.35	ND	3	Boscalid	0.01	0.03	ND	0.1
Dimethomorph 0.02 0.06 ND 2 Etoxazole 0.01 0.05 ND 0.1 Fenguroximate 0.02 0.1 ND 0.1 Floricomid 0.01 0.02 ND 0.1 Indiacoprid 0.01 0.05 ND 0.1 Hexuthizox 0.01 0.03 ND 0.1 Malathion 0.01 0.05 ND 5 Kresoim-methyl 0.01 0.02 ND 0.1 Malathion 0.01 0.05 ND 0.5 Metoloxyl 0.01 0.02 ND 0.1 Malathion 0.02 0.05 ND 1 Myclobutnil 0.02 0.02 ND 0.1 Neled 0.01 0.02 ND 0.1 Oxampl 0.01 0.02 ND 0.1 Pieronyl Butoxide 0.01 0.02 ND 0.1 Spinoscal A 0.01 0.02 ND 0.1 Pyridoben 0.02 0.07	Carbaryl			ND	0.5	Chlorantraniliprole		0.04	ND	10
Fenpyroximate 0.02 0.1 ND 0.1 Flonicamid 0.01 0.02 ND 0.1 Fludicoxnil 0.01 0.05 ND 0.1 Hextphiazox 0.01 0.03 ND 0.1 Fludicoxnil 0.01 0.05 ND 5 Kresoxim-methyl 0.01 0.03 ND 0.1 Matathion 0.01 0.05 ND 0.5 Metolaxyl 0.01 0.02 ND 2 Metomyl 0.02 0.05 ND 1 Myclobutnil 0.02 ND 0.1 0.02 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 0.1 Oxamyl 0.01 0.02 ND 0.1 Projconazole 0.01 0.02 ND 0.1 Spinosal A 0.01 0.02 ND 0.1 Projconazole 0.0	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 Imidacioprid 0.01 0.05 ND 5 Kresoxim-methyl 0.01 0.03 ND 0.1 Malathian 0.01 0.05 ND 0.5 Metologyl 0.01 0.02 ND 2 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 0.1 Permethrin 0.01 0.02 ND 0.1 Oxamyl 0.01 0.02 ND 0.1 Prightohn 0.02 0.66 ND 3 Propiconazole 0.03 0.08 ND 0.1 Prightohn 0.02 0.07 ND 0.1 Spinosca/A 0.01 0.05 ND 0.1 Spinosca/D 0.01 0.02 ND </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
Inidacloprid 0.01 0.05 ND 5 Kresoxim-methyl 0.01 0.03 ND 0.1 Maldthion 0.01 0.05 ND 0.5 Metlonyl 0.01 0.02 ND 2 Maldthion 0.02 0.05 ND 1 Myclobutnil 0.01 0.02 ND 1 Neled 0.01 0.02 ND 0.1 Oxomyl 0.01 0.02 ND 0.1 Permethrin 0.01 0.02 ND 0.1 Oxomyl 0.01 0.02 ND 0.1 Projecongl Butoxide 0.02 0.06 ND 3 Propiconzole 0.01 0.02 ND 0.1 Pridetbrin 0.02 0.06 ND 3 Propiconzole 0.01 0.05 ND 0.1 Pyridetbrin 0.02 0.07 ND 0.1 Spinosad A 0.01 0.05 ND 0.1 Spinosad D 0.01 0.02 <t< td=""><td>Fenpyroximate</td><td>0.02</td><td>0.1</td><td>ND</td><td>0.1</td><td>Flonicamid</td><td>0.01</td><td>0.02</td><td>ND</td><td>0.1</td></t<>	Fenpyroximate	0.02	0.1	ND	0.1	Flonicamid	0.01	0.02	ND	0.1
Malathion 0.01 0.05 ND 0.5 Metolaxyl 0.01 0.02 ND 2 Methomyl 0.02 0.05 ND 1 Myclobutanil 0.02 0.07 ND 0.1 Naled 0.01 0.02 ND 0.1 Myclobutanil 0.02 ND 0.5 Permethrin 0.01 0.02 ND 0.5 Phosmet 0.01 0.02 ND 0.5 Proglethrin 0.02 0.05 ND 0.5 Phosmet 0.01 0.02 ND 0.5 Pyridoben 0.02 0.05 ND 0.1 Pyrethrin 0.05 0.01 0.05 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 0.02 ND 0.1 Spinosterrandt 0.01 0.02 ND 0.1 Spin	Fludioxonil	0.01	0.05	ND	0.1	Hexythiazox	0.01	0.03	ND	0.1
Methomyl 0.02 0.05 ND 1 Myclobutnil 0.02 0.07 ND 0.1 Naled 0.01 0.02 ND 0.1 Oxmyl 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 Pralethrin 0.02 0.06 ND 3 Propiconazole 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 0.02 ND 0.1 Spinosad D 0.01 0.02 ND 0.1 Tebuconazole 0.01 0.02 ND 0.1 Spinostartarmat 0.01 0.02	Imidacloprid	0.01	0.05	ND	5	Kresoxim-methyl	0.01	0.03	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 Butxide 0.02 0.06 ND 3 Propiconazole 0.03 0.08 ND 0.1 Prallethrin 0.02 0.05 ND 0.1 Spinosod A 0.01 0.05 ND 0.1 Spinosod D 0.01 0.02 0.07 ND 0.1 Spinosod A 0.01 0.05 ND 0.1 Spinosod D 0.01 0.02 ND 0.1 Spinosod A 0.01 0.05 ND 0.1 Spinosod D 0.01 0.02 ND 0.1 Spinosod A 0.01 0.02 ND 0.1 Spinoteramat 0.01 0.02 ND 0.1 Tebuconazole 0.01 0.02 ND 0.1 Acequinocyl 0.02	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 Projeconazole 0.03 0.08 ND 0.1 Prollethrin 0.02 0.05 ND 0.1 Pyurethrin 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 Spinostramatic 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 0.7 Cypermethrin 0.02	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 Prallethrin 0.02 0.05 ND 0.1 Pyrethrin 0.05 0.41 ND 0.5 Pyridebrin 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 Spiromesifen 0.02 0.06 ND 0.1 Spirotetramat 0.01 0.02 ND 0.1 Terifloxyterobin 0.01 0.02 ND 0.1 Acequinocyl 0.02 0.07 ND 0.1 Copton 0.01 0.02 ND 0.1 Cypermethrin 0.02 0.07 ND 1 Cyfluthrin 0.04 0.1 ND 2 Cypermethrin 0.02 0.07 ND 1 Cyfluthrin 0.04 0.1 ND 2 Fenhexomid 0.02 0.	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 Pyridbehn 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 Spinomesifen 0.02 0.06 ND 0.1 Spinotarmat 0.01 0.02 ND 0.1 Tebuconazole 0.01 0.02 ND 0.1 Acequinocyl 0.02 0.02 ND 5 Trifloxystrobin 0.01 0.02 ND 0.1 Cypermethrin 0.02 0.02 ND 1 Captur 0.01 0.02 ND 2 Fenhexamid 0.02 0.07 ND 0.1 Spinoteram JL 0.02 0.07 ND 2	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 0.02 0.06 ND 0.1 Spinosad D 0.01 0.02 ND 0.1 Spinosad A 0.02 0.06 ND 0.1 Spinostramat 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 0.01 ND 1 Coptan 0.01 0.02 ND 0.7 Cypermethrin 0.02 0.07 ND 1 Spinetoram JL 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	0.02	0.06	ND	3	Propiconazole	0.03	0.08	ND	0.1
Spinosad D 0.01 0.05 ND 0.1 Spiromesifen 0.02 0.06 ND 0.1 Spirotetramat 0.01 0.02 ND 0.1 Tebuconazole 0.01 0.02 ND 0.1 Thiamethoxam 0.01 0.02 ND 0.1 Trifloxystrobin 0.01 0.02 ND 0.1 Aceguinocyl 0.02 0.02 ND 0.1 Copton 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 J.L 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 Cypermethrin 0.02 0.01 ND 1 Cyfluthrin 0.04 0.1 ND 2 Fenhexmid 0.02 0.07 ND 0.1 Spinetoram JL 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 Coptan 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
Penhexamid 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 Feb 23, 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	ND	5000.0
Ethyl Ether (EthEt)	0.4	40.0	ND	5000.0	Acetone (Acet)	0.4	40.0	<loq< td=""><td>5000.0</td></loq<>	5000.0
Isopropanol (2-Pro)	0.4	40.0	<loq< td=""><td>5000.0</td><td>Acetonitrile (Acetonit)</td><td>0.4</td><td>40.0</td><td>ND</td><td>410.0</td></loq<>	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 Feb 03, 2023 | Instrument Microscope | Method SOP-010
 Result
 Analyte / Limit
 Result

 Analyte / Limit
 ND
 >1/4 of the total sample area covered by mold
 ND

 > 1/sect fragment, 1 hair, or 1 count mammelian excreta per 3g
 ND
 >1/4 of the total sample area covered by mold
 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 Fri, 14 Apr 2023 13:59:38 -0700



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