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PharmLabs San Diego Certificate of Analysis

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Sample **A.T.F.**

Sample ID SD230613-015 (79459)	Matrix Concentrate (Inhalable Cannabis Good)
Tested for Chapo		
Sampled -	Received Jun 12, 2023	Reported Jun 20, 2023
Analyses executed CANX, RES,	MIBIG, MTO, PES, HME, FVI	

Analyses executed CANX, RES, MIBIG, MTO, PES, HME, FVI

Laboratory note: The estimated concentration of the unknown peak in the sample is 9.63% | 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 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 and d9-THC with the majority. If not all, of the concentration being (+)d8-THC. Total (+/-) D8 Concentration is estimated to be 68.2%

CANX - Cannabinoids Analysis

Analyzed Jun 20, 2023 | Instrument HPLC-VWD | Method The expanded Uncertainty of the Cannabinoid analysis is approximately **3**.806% at the 95% Confidence Level

Analyte	LOD	LOQ	Result	Result
-	mg/g	mg/g	%	mg/g
11-Hydroxy-Δ8-Tetrahydrocannabivarin (11-Hyd-Δ8-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	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	3.60	36.00
1(R)-THD (r-THD)	0.025	0.075	5.30	52.96
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	1.08	10.77
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	68.21	682.10
(6aR,9S)-∆10-Tetrahydrocannabinol ((6aR,9S)-∆10)	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	1.00	10.05
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	1.00	10.00
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)			ND	ND
Total THC (THCa * 0.877 + Δ9THC)			0.88	8.81
Total THC + Δ 8THC + Δ 10THC (THCa * 0.877 + Δ 9THC + Δ 8THC + Δ 10THC)			69.09	690.91
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			80.06	800.65

HME - Heavy Metals Detection Analysis

Analyzed Jun 15, 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	0.2
Cadmium (Cd)	3.0e-05	0.0005	0.00	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 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 Tue, 20 Jun 2023 16:33:19 -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 lab. This report is for informational purposes only and should not be used to diagnase, treat or prevent any disease. Results are only for samples and batches indicated. Results are reported on Past/Faileviation unless explicitly required by federation of the compliance. The measurement of uncertainty is not included in the Past/Faileviation unless explicitly required by federation of the compliance. The measurement of uncertainty is not included in the Past/Faileviation unless explicitly on request.



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QA Testing

MIBIG - Microbial Testing Analysis

Analyzed Jun 15, 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 Jun 20, 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 Tue, 20 Jun 2023 16:33:19 -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 Jun 20, 2023 | Instrument LC/MSMS GC/MSMS | Method SOP-003

Dimethorate0.010.02ND0.01Enderprox0.020.010.02ND0.02Dominozide0.010.03ND0.01Dichorvos0.020.07ND0.02Spirosamine0.010.02ND0.02ND0.010.02ND0.01Spirosamine0.010.02ND0.01Pacibuitrozio0.010.02ND0.01Chirorypris0.010.02ND0.01Pacibuitrozio0.010.02ND0.01Spirosamine0.010.04ND0.01Ethogrophos (Prophos)0.010.02ND0.01Chirorange0.010.04ND0.01Chirorange0.010.02ND0.01Spirosamine0.010.02ND0.01Chirorange0.010.02ND0.01Chirorange0.010.04ND0.01Abomectin0.020.05ND0.01Acogustrobin0.020.05ND0.01Abomectin0.010.05ND0.01Spirosamine0.020.05ND0.01Bifenzin0.010.02ND0.01Acogustrobin0.020.05ND0.01Bifenzin0.010.02ND0.01Spirosamine0.020.05ND0.01Bifenzin0.010.02ND0.01Chirosamine0.020.05ND0.01Bifenzin0.01 <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 0.01 0.02 ND 0.01 Thischoprid 0.01 0.02 ND 0.01 Dominoide 0.01 0.02 ND 0.01 Dicklorvs 0.01 0.02 ND 0.01 Imazelli 0.02 0.07 ND 0.01 Coursphis 0.01 0.02 ND 0.01 Sprosamine 0.01 0.01 NT 0.01 Exbanyols 0.01 0.02 ND 0.01 Glorgurifs 0.01 0.02 ND 0.01 Exbanyols 0.04 0.01 NT 0.03 Baygen (Propoxy) 0.03 0.03 Abbrechin 0.05 0.08 ND 0.01 Accylate 0.02 0.02 ND 0.03 Abbrechin 0.05 0.08 ND 0.01 Accylate 0.02 0.02 ND 0.13 Bifenzard 0.01 0.05 ND 0.11 Chardragen (Propox) 0.01 0.02 ND	Aldicarb	0.0078	0.02	ND	0.0078	Carbofuran	0.01	0.02	ND	0.01
Demispide0.010.03ND0.01Deliarvos0.020.07ND0.02Sproxamie0.010.02ND0.01Compabos0.010.02ND0.01Sproxamie0.010.02ND0.01Paclobutrazol0.010.02ND0.01Chargurifos0.010.02ND0.01Ethogrophos (Prophos)0.010.02ND0.01Boygon (Propoxur)0.010.02ND0.01Chardone0.010.02ND0.01Chardone0.030.02ND0.01Methyl Parathion0.020.03ND0.01Mevinphos0.030.08ND0.03Abemetin0.010.02ND0.01Acephote0.020.05ND0.1Acetarright0.010.05ND0.1Acephote0.010.02ND0.1Acetarright0.010.05ND0.1Acephote0.010.02ND0.1Acetarright0.010.05ND0.1Acephote0.010.02ND0.1Acetarright0.010.04ND0.1Carbory0.010.02ND0.1Acetarright0.010.04ND0.1Acetarright0.010.02ND0.1Acetarright0.010.04ND0.1Carbory0.010.02ND0.1Acetarright0.010.04ND <t< td=""><td>Dimethoate</td><td>0.01</td><td>0.02</td><td>ND</td><td>0.01</td><td>Etofenprox</td><td>0.02</td><td>0.1</td><td>ND</td><td>0.02</td></t<>	Dimethoate	0.01	0.02	ND	0.01	Etofenprox	0.02	0.1	ND	0.02
Image 0.0 0.0 0.0 Methicach 0.0 0.02 ND 0.01 Spiroxamine 0.01 0.02 ND 0.01 Compapies 0.01 0.02 ND 0.01 Spiroxamine 0.01 0.11 NT 0.01 Pacibutrazol 0.01 0.02 ND 0.01 Chlorpprifts 0.01 0.02 ND 0.01 Ethoprophas (Prophas) 0.01 0.02 ND 0.01 Spirosamine 0.01 0.02 ND 0.01 Ethoprophas (Prophas) 0.01 0.02 ND 0.01 Chlorenpry 0.03 0.03 0.03 ND 0.03 Abernation 0.03 ND 0.1 Acophate 0.02 0.05 ND 0.1 Biferantin 0.02 ND 0.1 Biferantin Acophate 0.01 0.2 ND 0.1 Biferantin 0.01 0.02 ND 0.1 Charontalization 0.01 <	Fenoxycarb	0.01	0.02	ND	0.01	Thiachloprid	0.01	0.02	ND	0.01
Spiroxnine 0.01 0.02 ND 0.01 Coumaphos 0.01 0.02 ND 0.01 Chiorynfos 0.01 0.04 ND 0.01 Ethaprophos (Propox) 0.01 0.02 ND 0.01 Chiorynfos 0.01 0.02 ND 0.01 Ethaprophos (Propox) 0.04 0.02 ND 0.01 Chiorfenopy 0.05 0.11 NT 0.05 Methyl Parathion 0.02 0.01 NT 0.02 Mevinphos 0.03 0.03 Abamectin 0.01 0.02 ND 0.1 Abamectin 0.01 0.05 ND 0.1 Acceptate 0.02 0.05 ND 0.1 Befenzate 0.01 0.05 ND 0.1 Befenzate 0.01 0.03 ND 0.1 Befenzate 0.01 0.03 ND 0.1 Ethentrin 0.02 0.03 ND 0.1 Directoratingingingingingingingingingingingingingi	Daminozide	0.01	0.03	ND	0.01	Dichlorvos	0.02	0.07	ND	0.02
Priorali 0.01 0.01 ND 0.01 0.03 ND 0.01 Chiorpurifos 0.01 0.04 ND 0.01 Chiorpurifos 0.01 0.02 ND 0.01 Sugon (Propoxu) 0.01 0.02 ND 0.01 Chiorfore 0.04 0.01 NT 0.02 Chiorenogur 0.03 0.03 0.01 NT 0.03 0.08 ND 0.03 0.08 ND 0.03 0.08 ND 0.01 0.05 ND 0.1 Acceptorte 0.02 0.05 ND 0.1 Acetomiprid 0.01 0.05 ND 0.1 Acceptorte 0.02 0.02 ND 0.1 Acetomiprid 0.01 0.05 ND 0.1 Direthomorph 0.02 0.01 0.02 ND 0.1 Direthomorph 0.01 0.02 ND 0.1 Fenguroximate 0.02 0.01 ND 0.1 Herotomiatioxim 0.0	Imazalil	0.02	0.07	ND	0.02	Methiocarb	0.01	0.02	ND	0.01
Operation 0.01 0.04 ND 0.01 Ethographos (Propox) 0.01 0.02 ND 0.01 Baggon (Propoxur) 0.01 0.02 ND 0.01 Chlordnane 0.04 0.11 NT 0.02 Chlordnangyr 0.03 0.03 0.01 NT 0.03 Abamectin 0.03 0.08 ND 0.05 Abamectin 0.03 0.08 ND 0.01 Accephote 0.02 0.05 ND 0.11 Abamectin 0.01 0.05 ND 0.1 Bifenazate 0.01 0.03 ND 0.1 Abamectin 0.01 0.03 ND 0.1 Datation 0.01 0.03 ND 0.1 Datation 0.01 0.03 ND 0.1 Abamectin Datation Datation Datation Datation	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 Chlordone 0.04 0.1 NT 0.04 Chlorfenpyr 0.03 0.1 NT 0.03 Methyl Parathion 0.02 0.1 NT 0.02 Acephate 0.02 0.05 ND 0.11 Acetomiprid 0.01 0.05 ND 0.1 Acephate 0.02 0.05 ND 0.1 Acetomiprid 0.01 0.05 ND 0.1 Acephate 0.01 0.02 0.05 ND 0.1 Bifenthin 0.01 0.02 ND 0.1 Bifenthin 0.01 0.02 ND 0.1 Dicarlon 0.01 0.04 ND 0.1 Carbaryl 0.01 0.02 0.06 ND 2 Etoxacole 0.01 0.02 ND 0.1 Carbaryl 0.01 0.05 ND 0.1 Heavishicax 0.01 0.02 ND 0.1 Carbaryl 0.01	Fipronil	0.01	0.1	NT	0.01	Paclobutrazol	0.01	0.03	ND	0.01
Chorferapy 0.03 0.1 NT 0.03 Metuphos 0.02 0.1 NT 0.02 Mevinphos 0.03 0.08 ND 0.03 Abamectin 0.03 0.08 ND 0.1 Acephote 0.02 0.05 ND 0.1 Acetempind 0.01 0.05 ND 0.1 Acephote 0.01 0.02 ND 0.1 Bifendoct 0.01 0.05 ND 0.1 Acephote 0.01 0.02 ND 0.1 Bifendoct 0.01 0.05 ND 0.1 Corborul 0.01 0.02 ND 0.5 Chiorantraniliprole 0.01 0.02 ND 0.1 Corborul 0.01 0.02 ND 0.1 Floriaccate 0.01 0.02 ND 0.1 Corborul 0.02 0.06 ND 1 Floriaccate 0.01 0.02 ND 0.1 Uididoxoin 0.01 0.05 <td< td=""><td>Chlorpyrifos</td><td>0.01</td><td>0.04</td><td>ND</td><td>0.01</td><td>Ethoprophos (Prophos)</td><td>0.01</td><td>0.02</td><td>ND</td><td>0.01</td></td<>	Chlorpyrifos	0.01	0.04	ND	0.01	Ethoprophos (Prophos)	0.01	0.02	ND	0.01
Mevinphos 0.03 0.08 ND 0.03 Abamectin 0.03 0.08 ND 0.1 Acephote 0.02 0.05 ND 0.1 Acetomiprid 0.01 0.05 ND 0.1 Acexystrobin 0.01 0.02 0.05 ND 0.1 Bifentrinin 0.02 0.03 ND 0.1 Bifentrinin 0.01 0.02 ND 0.1 Bifentrinin 0.01 0.02 ND 0.5 Chlorantrolliprole 0.01 0.04 ND 0.1 Corbary 0.01 0.02 0.06 ND 2 Exozole 0.01 0.02 ND 0.1 Dimethomorph 0.02 0.06 ND 2 Exozole 0.01 0.02 ND 0.1 Fenguroximate 0.02 0.01 ND 0.1 Heyythizax 0.01 0.03 ND 0.1 Indachprind 0.01 0.02 ND 0.1 Meythizax 0.01 0.02	Baygon (Propoxur)	0.01	0.02	ND	0.01	Chlordane	0.04	0.1	NT	0.04
Acephate 0.02 0.05 ND 0.1 Acetamiprid 0.01 0.05 ND 0.1 Azoxystrohn 0.01 0.02 ND 0.1 Birlenzate 0.01 0.05 ND 0.1 Birlenthin 0.02 0.01 0.02 ND 0.5 Chorontronliprole 0.01 0.04 ND 0.01 Carbaryl 0.01 0.02 ND 0.5 Chorontronliprole 0.01 0.02 ND 0.01 Direthomorph 0.02 0.06 ND 2 Etoxzole 0.01 0.02 ND 0.1 Fengyroximate 0.02 0.1 ND 0.1 Hoxazole 0.01 0.02 ND 0.1 Inidacloprid 0.01 0.05 ND 0.5 Kresoxim-methyl 0.01 0.02 ND 0.1 Nolacibinin 0.01 0.02 ND 0.1 Molexburnil 0.02 0.07 ND 0.1 Nolacibinin	Chlorfenapyr		0.1		0.03	Methyl Parathion		0.1	NT	0.02
Azowystrobin 0.01 0.02 ND 0.1 Bifenzarte 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 Chorantraniliprole 0.01 0.02 ND 0.1 Clofentzine 0.01 0.03 ND 0.1 Diazinon 0.01 0.02 ND 0.1 Dimethomorph 0.02 0.1 ND 0.1 Floazole 0.01 0.02 ND 0.1 Fludiconil 0.01 0.05 ND 0.1 Hexarlinezx 0.01 0.03 ND 0.1 Midatohin 0.01 0.05 ND 0.5 Metoxyl 0.01 0.02 ND 0.1 Mathon 0.01 0.02 ND 0.1 Oxarnyl 0.01 0.02 ND 0.1 Nold 0.01 0.02 ND 0.1 Oxarnyl 0.01 0.02 ND 0.1 Mathon </td <td>Mevinphos</td> <td></td> <td></td> <td></td> <td>0.03</td> <td>Abamectin</td> <td></td> <td>0.08</td> <td></td> <td>0.1</td>	Mevinphos				0.03	Abamectin		0.08		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 Chiorantraniliprole 0.01 0.02 ND 0.1 Dimethomorph 0.02 0.06 ND 2 Etoxazole 0.01 0.05 ND 0.1 Fengroximate 0.02 0.1 ND 0.1 Flonicamid 0.01 0.05 ND 0.1 Indiacoprid 0.01 0.05 ND 0.1 Hexythiazox 0.01 0.02 ND 0.1 Indiacoprid 0.01 0.05 ND 0.5 Kresoxim-methyl 0.01 0.02 ND 0.1 Malathian 0.01 0.05 ND 0.5 Kresoxim-methyl 0.01 0.02 ND 0.1 Noled 0.02 0.05 ND 0.5 Phosmet 0.01 0.02 ND 0.1 Noled 0.02 0.06	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 Diazinon 0.01 0.05 ND 0.1 Dimethomorph 0.02 0.06 ND 2 Etxoazole 0.01 0.02 ND 0.1 Funjorozinate 0.02 0.1 ND 0.1 Floaticamid 0.01 0.02 ND 0.1 Fludioxonil 0.01 0.05 ND 0.1 Hextphizox 0.01 0.03 ND 0.1 Midathion 0.01 0.05 ND 5 Kresovim-methyl 0.01 0.02 ND 0.1 Malathion 0.01 0.02 ND 1 Myclobutanil 0.02 ND 0.1 Noled 0.02 0.05 ND 1 Myclobutanil 0.02 ND 0.1 Pleoronyl Butxvide 0.02 0.02 ND 0.	Azoxystrobin			ND	0.1	Bifenazate		0.05	ND	0.1
Clofentezine 0.01 0.03 ND 0.1 Diazinon 0.01 0.02 ND 0.1 Dimethomorph 0.02 0.02 ND 0.1 Z toxzole 0.01 0.02 ND 0.1 Fengurosinate 0.02 0.1 ND 0.1 Flonicamid 0.01 0.02 ND 0.1 Fludoxonil 0.01 0.02 ND 0.1 Hexythiazox 0.01 0.02 ND 0.1 Midathion 0.01 0.05 ND 5 Kresonim-methyl 0.01 0.02 ND 0.1 Malathion 0.01 0.05 ND 5 Kresonim-methyl 0.01 0.02 ND 0.1 Malathion 0.01 0.02 0.05 ND 0.5 Metoloxyli 0.01 0.02 ND 0.1 Malathion 0.02 0.03 0.03 0.04 ND 0.1 Permethrin 0.02 0.04 ND 0.1	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 Fengroximate 0.02 0.1 ND 0.1 Flonicomid 0.01 0.03 ND 0.1 Indiacoprid 0.01 0.05 ND 0.1 Hexythiazox 0.01 0.03 ND 0.1 Malathion 0.01 0.05 ND 0.5 Metolaxyl 0.01 0.03 ND 0.1 Malathion 0.01 0.05 ND 0.5 Metolaxyl 0.01 0.02 ND 0.1 Metolaxyl 0.02 0.05 ND 1 Myclobutonil 0.02 0.07 ND 0.1 Noled 0.02 0.05 ND 0.1 Oxamyl 0.01 0.02 ND 0.1 Permethrin 0.02 0.06 ND 3 Projeconazole 0.01 0.02 ND 0.1 Pyridoben 0.02 0.07 ND<	Carbaryl			ND	0.5	Chlorantraniliprole			ND	10
Fengyroxinate 0.02 0.1 ND 0.1 Flonicamid 0.01 0.02 ND 0.1 Fludioxonii 0.01 0.05 ND 0.1 Hexythizox 0.01 0.03 ND 0.1 Fludioxonii 0.01 0.05 ND 5 Kresovim-methyl 0.01 0.03 ND 0.1 Malathion 0.01 0.05 ND 0.5 Metdoxyl 0.01 0.02 ND 2 Methomyl 0.02 0.05 ND 1 Myclobutnil 0.02 0.07 ND 0.5 Permethrin 0.01 0.02 ND 0.5 Phosmet 0.01 0.02 ND 0.5 Pyraldbtnin 0.02 0.05 ND 0.1 Pyretornazele 0.03 0.08 ND 0.1 Pyraldbtnin 0.02 0.07 ND 0.1 Spinosca A 0.01 0.02 ND 0.1 Spinoscad D 0.01 0.02	Clofentezine	0.01	0.03	ND	0.1	Diazinon	0.01	0.02	ND	0.1
FludioxonII 0.01 0.05 ND 0.1 Hexythiazox 0.01 0.03 ND 0.1 Imidacoprid 0.01 0.05 ND 5 Kresoxim-methyI 0.01 0.02 ND 0.1 Malathion 0.01 0.05 ND 0.5 MetoloxyI 0.01 0.02 ND 0.2 MethomyI 0.02 0.05 ND 1 MyclobutonII 0.02 0.07 ND 0.1 Noled 0.01 0.02 0.05 ND 0.1 OxamyI 0.01 0.02 ND 0.1 Noled 0.01 0.02 ND 0.5 Phosmet 0.01 0.02 ND 0.1 Permethrin 0.02 0.06 ND 0.5 Phosmet 0.03 0.48 ND 0.1 Projetonazole 0.02 0.06 ND 0.1 Spinosad A 0.01 0.05 ND 0.1 Spinostard mathin 0.01 <td< 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></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 Malathion 0.01 0.05 ND 0.5 Metoloxyl 0.01 0.03 ND 0.1 Methomyl 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 0.5 Permethrin 0.01 0.02 ND 0.5 Phosmet 0.01 0.02 ND 0.1 Prolebrin/Setoxide 0.02 0.06 ND 3 Projeconzole 0.05 0.08 ND 0.1 Prolebrin/Setoxide 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 Spinosacie 0.01 0.02 ND 0.1 Spinosad D 0.01 0.02 <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>	Fenpyroximate	0.02	0.1	ND	0.1	Flonicamid	0.01	0.02	ND	0.1
Malathon 0.01 0.05 ND 0.5 Metlaxyl 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 Myclobutanil 0.02 0.07 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 Piperonyl Butxide 0.02 0.07 ND 0.1 Spinosad A 0.01 0.05 ND 0.1 Spinosad D 0.01 0.02 0.07 ND 0.1 Spinosad A 0.01 0.02 ND 0.1 Spinosad D 0.01 0.02 ND 0.1 SpinosadP 0.01 0.02 ND 0.1 Spinoterramat 0.01	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 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 Propiconazole 0.03 0.08 ND 0.1 Pralethrin 0.02 0.06 ND 0.1 Purethrin 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 SpinosadA 0.01 0.02 ND 0.1 Spinotatramat 0.01 0.02 ND 0.1 Teldoxazole 0.01 0.02 ND 0.1 Acequincyl 0.02 0.09	Imidacloprid	0.01	0.05	ND	5	Kresoxim-methyl	0.01	0.03	ND	0.1
Note 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 Prollethrin 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 0.02 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 Cypermethrin 0.02 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 Propiconazole 0.03 0.08 ND 0.1 Piperonyl Butoxide 0.02 0.05 ND 0.1 Purethrin 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 0.02 ND 0.1 Spinosad D 0.01 0.02 ND 0.1 Spinosad A 0.01 0.02 ND 0.1 Spinotaramat 0.01 0.02 ND 0.1 Tebuconazole 0.01 0.02 ND 0.1 Acequincul 0.02 0.09 ND 0.1 Captan 0.01 0.02 ND 0.7 Qupermethrin 0.02 <td< 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></td<>	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 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 0.05 ND 0.1 Spiromesifen 0.02 0.06 ND 0.1 Spirotetramat 0.01 0.02 ND 0.1 Teldocazole 0.01 0.02 ND 0.1 Aceguinocyl 0.02 0.09 ND 0.1 Capton 0.01 0.02 ND 0.7 Cypermethrin 0.02 0.07 ND 0.1 Capton 0.04 0.1 NT 2 Cypermethrin 0.02 0.07<	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 0.01 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 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 Acequinocyl 0.02 0.09 ND 0.1 Captan 0.01 0.02 ND 0.1 Cypermethrin 0.02 0.07	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 Spinotarmat 0.01 0.02 ND 0.1 Tebuconazole 0.01 0.02 ND 0.1 Acequincyl 0.02 0.02 ND 5 Triffoxystrobin 0.01 0.02 ND 0.7 Cypermethrin 0.02 0.02 ND 0.1 Coptan 0.04 0.1 NT 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 Spirotestramat 0.01 0.02 ND 0.1 Tebuconazole 0.01 0.02 ND 0.1 Iniamethoxam 0.01 0.02 ND 0.5 Trifloxystrobin 0.01 0.02 ND 0.1 Acequinocyl 0.02 0.09 ND 0.1 Capton 0.01 0.02 ND 0.7 Cypermethrin 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 Thiomethoxam 0.01 0.02 ND 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 0.1 NT 1 Cyfluthrin 0.04 0.1 NT 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
This 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 NT 1 Cyfluthrin 0.04 0.1 NT 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
Acceptinocyl 0.02 0.09 ND 0.1 Capton 0.01 0.02 ND 0.7 Cypermethrin 0.02 0.1 NT 1 Cyfluthrin 0.04 0.1 NT 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 NT 1 Cyfluthrin 0.04 0.1 NT 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	NT	1	Cyfluthrin	0.04	0.1	NT	2
Pentachloronitrobenzene 0.01 0.1 NT 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	NT	0.1					

RES - Residual Solvents Testing 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	46.6	
Isopropanol (2-Pro)	0.4	40.0	ND		Acetonitrile (Acetonit)	0.4	40.0	<loq< td=""><td></td></loq<>	
Methylene Chloride (MetCh)	0.4	0.8	<loq< td=""><td></td><td>Hexane (Hex)</td><td>0.4</td><td>40.0</td><td>ND</td><td></td></loq<>		Hexane (Hex)	0.4	40.0	ND	
Ethyl Acetate (EthAc)	0.4	40.0	ND		Chloroform (Clo)	0.4	0.8	10.7	
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

Angluzed Jun 17, 2027 | Instrument Missessens | Method COD 010

Analyzed Juli 15, 2025 Institutient Microscope Method SOF-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 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 Tue, 20 Jun 2023 16:33:19 -0700



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