**SDPharmLabs** 

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# Analyses executed CANX, RES, MIBIG, MTO, PES, HME, FVI CANX - Cannabinoids Analysis

Analyzed Mar 13, 2023 | Instrument HLPC

Analyte	LOD mg/g	LOQ mg/g	Result %	Result 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	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	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	0.29	2.86
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	ND	ND
(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.16	ND	ND
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	27.59	275.92
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.16	ND	ND
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	61.55	615,49
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	5.66	56.57
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	0.87	8.70
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	0.50	5.03
Δ9-THC-O-acetate (Δ9-THCO)	0.066	0.16	ND	ND
9(R)-HHCP (r-HHCP)	0.026	0.079	0.47	4.71
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)	0.007		ND	ND
Total THC (THCa * 0.877 + \Delta THC)			5.25	52.46
Total THC + $\Delta$ 8THC + $\Delta$ 10THC (THCa * 0.877 + $\Delta$ 9THC + $\Delta$ 8THC + $\Delta$ 10THC)			5.25	52.46
Total CBD ( CBDa * 0.877 + CBD )			ND	ND
Total CBG ( CBGa * 0.877 + CBG )			ND	ND
Total HHC ( 9r-HHC + 9s-HHC )			89.14	891.41
Total Cannabinoids			96.23	962.31





#### HME - Heavy Metals Detection Analysis

Analyzed Mar 08, 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	ND	0.2	Cadmium (Cd)	3.0e-05	0.0005	<loq< td=""><td>0.2</td></loq<>	0.2
Mercury (Hg)	1.0e-05	0.0001	0.00	0.1	Lead (Pb)	1.0e-05	0.00125	0.01	0.5

## MIBIG - Microbial Testing Analysis

Analyzed Mar 10, 2023 | Instrument qPCR and/or Plating | Method SOP-007

Analyzed Mai 10, 2025   Ilistroment qrck and/or Flating   Method 50F-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				

UI Not Identified
ND Not Detected
NA Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ 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 Mon, 13 Mar 2023 15:01:47 -0700



## MTO - Mycotoxin Testing Analysis

Analyzed Mar 10, 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 Operation
LOQ Detected
SULOL Above upper limit of linearity
CFU/g Colony Forming Units per 1 gram
TNTC Too Numerous to Count









Authorized Signature

Brandon Starr, Lab Manager Mon, 13 Mor 2023 15:01:47-0700



### PES - Pesticides Screening Analysis

Analyzed Mar 10, 2023 | Instrument LC/MSMS GC/MSMS | Method SOP-003

Dimethodate	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
Fenougraft   0.01   0.02   ND   0.01   Thicchlogrid   0.01   0.02   ND   0.01   Dominoide   0.01   0.03   ND   0.01   Dichlorves   0.02   0.07   ND   0.02   ND   0.01   Dichlorves   0.02   0.07   ND   0.02   ND   0.01   Dichlorves   0.01   0.03   ND   0.01   Dichlorves   0.01   0.03   ND   0.01   Dichlorves   0.01   0.03   ND   0.01   Dichlorves   0.01   0.02   ND   0.01   Dichlorves   0.01	Aldicarb	0.0078	0.02	ND	0.0078	Carbofuran	0.01	0.02	ND	0.01
Deminoside   0.01   0.05   ND   0.01   Dichlovas   0.02   0.07   ND   0.02   ND   0.01   Invazili   0.02   ND   0.01   ND   0.02   ND   0.01   Spirosomine   0.01   0.02   ND   0.01   ND   0.01   Coumphos   0.01   0.02   ND   0.01   Spirosomine   0.01   0.01   0.01   ND   0.01   Paclobutrazal   0.01   0.03   ND   0.01   Chlorpyrifos   0.01   0.02   ND   0.01   ND   0.01   Ethoprophos (Prophas)   0.01   0.02   ND   0.01   ND   0.01   Chlorpyrifos   0.01   0.02   ND   0.01   ND   0.01   Chlordene   0.04   0.1   ND   0.02   ND   0.01   Chlordene   0.04   0.1   ND   0.02   ND   0.01   Chlordene   0.04   0.1   ND   0.02   ND   0.02   ND   0.02   ND   0.02   ND   0.03   Abomectin   0.05   ND   0.05   ND   0.1   Accephate   0.02   0.05   ND   0.1   Accephate   0.01   0.05   ND   0.1   Accephate   0.01   0.05   ND   0.1   Accephate   0.01   0.02   ND   0.1   Accephate   0.01   0.05   ND   0.1	Dimethoate	0.01	0.02	ND	0.01	Etofenprox	0.02	0.1	ND	0.02
Imazeall	Fenoxycarb	0.01	0.02	ND	0.01	Thiachloprid	0.01	0.02	ND	0.01
Spiroxamine   0.01   0.02   ND   0.01   Coumaphos   0.01   0.02   ND   0.01   Filipronial   0.01   0.01   ND   0.01   Paccibutazol   0.01   0.03   ND   0.01   Chlorguffos   0.01   0.02   ND   0.01   Chlorguffos   0.01   0.02   ND   0.01   Chlorguffos   0.01   0.02   ND   0.01   Chlordune   0.04   0.1   ND   0.04   Chlordune   0.04   0.1   ND   0.04   Chlordune   0.04   0.1   ND   0.04   Chlordune   0.05   0.08   ND   0.04   Chlordune   0.05   0.08   ND   0.05   Chlordune   0.05   0.08   ND   0.01   Chlordune   0.05   ND   0.01   Chlordune   0.05   ND   0.01   Chlordune   0.05   ND   0.05   ND   0.01   Chlordune   0.05   ND   0.05   ND   0.01   Chlordune   0.05   ND   0.05	Daminozide	0.01	0.03	ND	0.01	Dichlorvos	0.02	0.07	ND	0.02
Figronia   0.01	Imazalil	0.02	0.07	ND	0.02	Methiocarb	0.01	0.02	ND	0.01
Chlorpyrifos	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         ND         0.04           Clolforfengpyr         0.03         0.1         ND         0.02         0.1         ND         0.02           Mevinphos         0.03         0.08         ND         0.03         Abamectin         0.03         0.08         ND         0.1           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           Bifenthrin         0.02         0.35         ND         3         Boscalid         0.01         0.04         ND         0.1           Clorenteraline         0.01         0.02         ND         0.5         Chloratranillprole         0.01         0.04         ND         0.1           Clorentezine         0.01         0.02         ND         0.5         Chloratranillprole         0.01         0.02         ND         0.1           Clorentezine         0.01         0.02         ND	Fipronil	0.01	0.1	ND	0.01	Paclobutrazol	0.01	0.03	ND	0.01
Chlorfenapyr 0.03 0.1 ND 0.03 Methyl Parathion 0.02 0.1 ND 0.02 ND 0.03 ND 0.0	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           Accephate         0.02         0.05         ND         0.1         Acetamiprid         0.01         0.05         ND         0.1           Azoxystrobin         0.01         0.02         0.35         ND         0.1         Bifenozate         0.01         0.05         ND         0.1           Bifenthrin         0.02         0.35         ND         0.5         Chlorantroniliprole         0.01         0.03         ND         0.1           Clofenterine         0.01         0.02         ND         0.5         Chlorantroniliprole         0.01         0.02         ND         0.1           Clofentezine         0.01         0.03         ND         0.1         Diazion         0.01         0.02         ND         0.1           Clofentezine         0.01         0.02         0.06         ND         0.1         Diazion         0.01         0.02         ND         0.1           Ilimidaclopit         0.01         0.02         0.06         ND         0.1         Heysthiazea         0.01         0.03         ND         0.1     <	Baygon (Propoxur)	0.01	0.02	ND	0.01		0.04	0.1	ND	0.04
Acephate         0.02         0.05         ND         0.1         Acetamiprid         0.01         0.05         ND         0.1           Azoxystrolin         0.01         0.02         NB         0.1         Bifenozate         0.01         0.05         ND         0.1           Carbaryl         0.01         0.02         ND         0.5         Chlorantraniliprole         0.01         0.04         ND         10           Clafentezine         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           Fengyroximate         0.02         0.1         ND         0.1         Hexatorle         0.01         0.02         ND         0.1           Inidacloprid         0.01         0.05         ND         0.1         Hexatorle         0.01         0.02         ND         0.1           Inidacloprid         0.01         0.05         ND         0.1         Hexatorle         0.01         0.02         ND         0.1           Inidacloprid         0.01         0.	Chlorfenapyr	0.03	0.1	ND	0.03	Methyl Parathion	0.02	0.1	ND	0.02
Azoxystrobin         Q01         Q02         ND         Q1         Bifenazate         Q01         Q05         ND         Q1           Bifenthrin         Q02         Q05         ND         Q5         ND         Q01         Q01         Q03         ND         Q1           Carbaryl         Q01         Q02         Q05         ND         Q05         Chlorentralliprole         Q01         Q02         ND         Q1           Clofentezine         Q01         Q03         ND         Q1         Dizarion         Q01         Q02         ND         Q1           Dimethomorph         Q02         Q06         ND         Q1         Etoxazole         Q01         Q05         ND         Q1           Feuryoximate         Q02         Q1         ND         Q1         Hexythiazax         Q01         Q02         ND         Q1           Fludioxonil         Q01         Q05         ND         Q1         Hexythiazax         Q01         Q02         ND         Q1           Iludioxonil         Q01         Q05         ND         Q1         Hexythiazax         Q01         Q03         ND         Q1           Iludioxidi         Q01         Q05	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           Carbaryl         0.01         0.02         ND         0.5         Chlorantraniliprole         0.01         0.04         ND         10           Clofentezine         0.01         0.03         ND         0.1         Diozinon         0.01         0.02         ND         0.1           Dimethomorph         0.02         0.06         ND         2         Etoxazole         0.01         0.05         ND         0.1           Fenpyroximate         0.02         0.1         ND         0.1         Flonicamid         0.01         0.05         ND         0.1           Fludioxonil         0.01         0.05         ND         0.1         Hexythiazox         0.01         0.03         ND         0.1           Imidaclopirid         0.01         0.05         ND         5         Kresoxim-methyl         0.01         0.03         ND         0.1           Molathion         0.01         0.05         ND         5         Kresoxim-methyl         0.01         0.03         ND         0.1           Molathion         0.01         0	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         0.02         ND         0.1           Dimethomorph         0.02         0.06         ND         2         E toxazole         0.01         0.05         ND         0.1           Fengyroximate         0.02         0.1         ND         0.1         Floricamid         0.01         0.02         ND         0.1           Fludioxoril         0.01         0.05         ND         0.1         Hexythiazox         0.01         0.03         ND         0.1           Iludioxoril         0.01         0.05         ND         0.5         Methorm-methyl         0.01         0.03         ND         0.1           Malathion         0.01         0.05         ND         0.5         Metalaxyl         0.01         0.02         ND         0.1           Methoryl         0.02         0.05         ND         0.1         Myclobutanil         0.02         0.07         ND         0.1           Noled         0.01         0.02<	Azoxystrobin		0.02	ND	0.1	Bifenazate	0.01	0.05	ND	0.1
Clofentezine	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           Fenpyroximate         0.02         0.1         ND         0.1         Flonicamid         0.01         0.02         ND         0.1           Ifudioxonil         0.01         0.05         ND         0.1         Hexythiazox         0.01         0.03         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         Metalaxyl         0.01         0.02         ND         0.1           Methomyl         0.02         0.05         ND         0.5         Metalaxyl         0.01         0.02         ND         0.1           Methomyl         0.02         0.05         ND         0.1         Myclobutanil         0.02         0.07         ND         0.1           Noled         0.01         0.02         ND         0.1         Oxamyl         0.01         0.02         ND         0.1           Plemethrin         0.01         0.02         <	Carbaryl		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           Fludioxonil         0.01         0.05         ND         0.1         Hexythitazox         0.01         0.03         ND         0.1           Indiactoprid         0.01         0.05         ND         5         Kresoxim-methyl         0.01         0.03         ND         0.1           Matchin         0.01         0.05         ND         0.5         Metladayl         0.01         0.02         ND         2           Methomyl         0.02         0.05         ND         1         Myclobutonil         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         0.1         Oxamyl         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 <td>Clofentezine</td> <td></td> <td>0.03</td> <td>ND</td> <td>0.1</td> <td>Diazinon</td> <td>0.01</td> <td>0.02</td> <td>ND</td> <td>0.1</td>	Clofentezine		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   Imidacloprid   0.01   0.05   ND   5   Kresoxim-methyl   0.01   0.05   ND   0.2   ND   0.2   ND   0.2   ND   0.2   ND   0.2   MEthomyl   0.01   0.02   ND   0.2   METhomyl   0.01   0.02   ND   0.1   Myclobutanil   0.02   0.07   ND   0.1   Noled   0.01   0.02   ND   0.1   Oxamyl   0.02   0.06   ND   0.1   Oxamyl   0.02   ND   0.1   Oxamyl	Dimethomorph	0.02	0.06	ND	2	Etoxazole	0.01	0.05	ND	0.1
Imidacloprid   0.01	Fenpyroximate			ND	0.1	Flonicamid		0.02	ND	0.1
Malathion         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         0.5           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         0.03         0.08         ND         0.1           Prollethrin         0.02         0.05         ND         0.1         Pyrethrin         0.03         0.08         ND         0.1           Pyridaben         0.02         0.07         ND         0.1         Spinosad A         0.01         0.05         ND         0.1           Spirosetramat         0.01         0.02 <t< td=""><td>Fludioxonil</td><td>0.01</td><td>0.05</td><td>ND</td><td>0.1</td><td>Hexythiazox</td><td>0.01</td><td>0.03</td><td>ND</td><td>0.1</td></t<>	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           Pjeronyl 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           Pyrlidoben         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           Spirosetramat         0.01         0.02         ND         0.1         Tebuconazole         0.01         0.02         ND         0.1           Thiamethoxam         0.01         0.02	Imidacloprid					Kresoxim-methyl				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           Pipleronyl 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         Spinomesifen         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         Captro         0.01         0.02         ND         0.1           Acequinocyl         0.02         0.09	Malathion		0.05	ND	0.5	Metalaxyl			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           Prollethrin         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         0.05         ND         0.1         Spinosesifen         0.02         0.06         ND         0.1           Spirotetranat         0.01         0.02         ND         0.1         Tebuconazole         0.01         0.02         ND         0.1           Thiamethoxam         0.01         0.02         ND         0.5         Trifloxystrobin         0.01         0.02         ND         0.1           Acequincyl         0.02         0.09         ND         0.1         Captan         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           Prollethrin         0.02         0.05         ND         0.1         Pyrethrin         0.05         0.41         ND         0.5           Pyrliddben         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         Tebuconazole         0.01         0.02         ND         0.1           Thiomethoxam         0.01         0.02         ND         0.1         Tebuconazole         0.01         0.02         ND         0.1           Acequincyl         0.02         0.02         ND         0.1         Captra         0.01         0.02         ND         0.7           Cypermethrin         0.02         0.07         ND         0.1         Cyfluthrin         0.02         0.07         ND         0.1           Fenhexamid         0.02	Naled	0.01		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           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         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         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         0.2           Fenhexamid         0.02         0.07         ND         0.1         Spinotetram J,L         0.02         0.07         ND         0.1	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         Spinoseifen         0.02         0.06         ND         0.1           Spirotetrandt         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           Acequincyl         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         0.2           Fenhexamid         0.02         0.07         ND         0.1         Spinetoram J.L         0.02         0.07         ND         0.1	Piperonyl Butoxide		0.06	ND	3	Propiconazole		0.08	ND	0.1
Spinosad D         0.01         0.05         ND         0.1         Spiromesifen         0.02         0.06         ND         0.1           Spirotetromat         0.01         0.02         ND         0.1         Tebuconozole         0.01         0.02         ND         0.1           Inliamethoxam         0.01         0.02         ND         5         Triflosystrobin         0.01         0.02         ND         0.1           Acequincyl         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         Spinetoran 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         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         0.1         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	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         Capton         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 10, 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	107.8	5000.0
Isopropanol (2-Pro)	0.4	40.0	50.8	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	Xulenes (Xul)	0.4	40.0	ND	2170.0

### FVI - Filth & Foreign Material Inspection Analysis

Analyzed Mar 08, 2023 | Instrument Microscope | Method SOP-010

Analyte / Limit	Result	Analyte / Limit	Result
> 1/4 of the total sample area covered by sand, soil, cinders, or dirt	ND	> 1/4 of the total sample area covered by mold	ND
> 1 insect fragment, 1 hair, or 1 count mammalian excreta per 3q	ND	> 1/4 of the total sample area covered by an imbedded foreign material	ND

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









Authorized Signature

Branden Starr



