**SDPharmLabs** 

#### PharmLabs San Diego Certificate of Analysis

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Laboratory note: The estimated concentration of the unknown peak in the sample is 7.38% | Currently PharmLobs laboratory can not confirm an unidentified peak in your chromatogram due to interference (only with highly concentrated D8 products) from which we believe to be either (+)d8-THC or d9-THC. At this time there are no reference standards available for (+)d8-THC is 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. PharmLobs 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 4.154%.

#### CANX - Cannabinoids Analysis

Analyzed Aug 07, 2023 | Instrument HPLC-VWD | Method

The expanded Uncertainty of the Cannabinoid analysis is approximately \$\mathbf{I}.806\% at the 95\% Confidence Level

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-∆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	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	1.06	10.64
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	41.54	415.40
(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.16	ND	ND
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	13.87	138.72
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.16	ND	ND
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	23.25	232.47
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	8.73	87.35
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
9(R)-HHC-O-acetate (r-HHCO)	0.008	0.025	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)			ND	ND
Total THC + $\triangle$ 8THC + $\triangle$ 10THC (THCa * 0.877 + $\triangle$ 9THC + $\triangle$ 8THC + $\triangle$ 10THC)			41.54	415.40
Total CBD (CBDa * 0.877 + CBD)			ND	ND
Total CBG (CBGa * 0.877 + CBG)			ND	ND
Total HHC (9r-HHC + 9s-HHC)			37.12	371.19
Total Cannabinoids			88.46	884.58

#### Sample photography



#### HME - Heavy Metals Analysis

Analyzed Aug 04, 2023 | Instrument ICP/MSMS | Method SOP-005

Analyzed Aug 04, 2023   instrument for / his his   method 301 00.	•			
Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Arsenic (As)	0.0009	0.0027	0.00	1.5
Cadmium (Cd)	0.0005	0.0015	ND	0.5
Mercury (Hg)	0.0058	0.0174	ND	3
Lead (Pb)	0.0006	0.0018	0.00	0.5
Nickel (Ni)	6 0e-05	0.0002	ND	

UI Unidentified
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





Brandon Starr

Authorized Signature





## MIBIG - Microbial Analysis

Analyzed Aug 07, 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 Analysis

Analyzed Aug 07, 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 Unidentified
ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
4.0Q Detected
VULOL Above upper limit of linearity
CFU/g Colonyl Forming Units per 1 gram
TNTC Too Numerous to Count





Authorized Signature

Brandon Starr



## PES - Pesticides Analysis

Analyzed Aug 07, 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   0.03   ND   0.02   ND   0.03   ND   0.02   ND   0.03   ND   0.02   ND   0.03   ND	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   Chlordufee   0.04   0.1   ND   0.04   Chlordufee   0.04   0.1   ND   0.05   Chlordufee   0.04   0.1   ND   0.02   Chlordufee   0.05   ND   0.1   Chlo	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           Carbaryl         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           Einethomorph         0.02         0.06         ND         2         Etoxazole         0.01         0.05         ND         0.1           Fengyroximate         0.02         0.01         ND         0.1         Floricamid         0.01         0.05         ND         0.1           Fluidosonil         0.01         0.05         ND         0.1         Heysthiczex         0.01         0.03         ND         0.1           Iludidacloprid <t< td=""><td>Baygon (Propoxur)</td><td>0.01</td><td>0.02</td><td>ND</td><td>0.01</td><td></td><td>0.04</td><td>0.1</td><td>ND</td><td>0.04</td></t<>	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         Heystholazox         0.01         0.02         ND         0.1           Inidacloprid         0.01         0.05         ND         5         Kresoxim-methyl         0.01         0.03         ND         0.1           Inidacloprid         0.01         0.05         ND         5         Kresoxim-methyl         0.01         0.03         ND         0.1           Indidacloprid         0.01	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         Q02         ND         Q1           Iludioxini         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         0.5         Metalaxyl         0.01         0.03         ND         0.1           Molathion         0.01         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         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         Hexythiazox         0.01         0.03         ND         0.1           Indiactoprid         0.01         0.05         ND         5         Kresoxim-methyl         0.01         0.03         ND         0.1           Matothion         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 <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           Pyriddben         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         0.5         Tiffoxystrobin         0.01         0.02         ND         0.1           Acequincyl         0.02         0.09         ND         0.1         Captra         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	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 Analysis**

Analyzed Aug 07, 2023 | Instrument GC/FID with Headspace Analyzer | Method SOP-006

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g	Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Propane (Prop)	0.4	40.0	ND		Butane (But)	0.4	40.0	ND	
Methanol (Metha)	0.4	40.0	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	ND	
Isopropanol (2-Pro)	0.4	40.0	ND		Acetonitrile (Acetonit)	0.4	40.0	ND	
Methylene Chloride (MetCh)	0.4	0.8	ND		Hexane (Hex)	0.4	40.0	ND	
Ethyl Acetate (EthAc)	0.4	40.0	ND		Chloroform (Clo)	0.4	0.8	ND	
Benzene (Ben)	0.4	0.8	ND		1-2-Dichloroethane (12-Dich)	0.4	0.8	ND	
Heptane (Hep)	0.4	40.0	ND		Trichloroethylene (TriClEth)	0.4	0.8	ND	
Toluene (Toluene)	0.4	40.0	ND		Xulenes (Xul)	0.4	40.0	ND	

## FVI - Filth & Foreign Material Inspection Analysis

Analyzed Aug 04, 2023 | Instrument Microscope | Method SOP-010

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

UI Unidentified
ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected
JULQL Above upper limit of linearity
CFU/g Colonyl porming Units per 1 gram
TNTC Too Numerous to Count





Authorized Signature

Brandon Starr

