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PharmLabs San Diego Certificate of Analysis

3421 Hancock St, Second Floor, San Diego, CA 92110 | License: C8-0000098-LIC ISO/IEC 17025:2017 Certification L17-427-1 | Accreditation #85368

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



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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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