

PharmLabs San Diego Certificate of Analysis



Sample **Raspberry Pie**

| | | | |
|---------------|--------------------|--|--------------------------|
| Delta9 THC UI | THCa 30.09% | Total THC (THCa * 0.877 + THC) 26.39% | Delta8 THC 45.05% |
|---------------|--------------------|--|--------------------------|

| | |
|--|-----------------------|
| Sample ID SD240926-048 (99819) | Matrix Concentrate |
| Tested for Chapo Extrax | |
| Sampled - | Received Sep 25, 2024 |
| Analyses executed CANX, RES, MIBIG, MTO, PES, HME, FVI | Reported Oct 01, 2024 |

Laboratory note: The Δ9-THC results in this particular sample is inconclusive due to potential interferences from several cannabinoids when analyzed using our GC MS/MS D9C method. As a result, this sample will not undergo testing via the GC MS/MS D9C method. However, there are currently no interferences detected with any other cannabinoids in this sample when employing HPLC.

CANx - Cannabinoids Analysis

Analyzed Oct 01, 2024 | Instrument HPLC-VWD | Method SOP-001
 The expanded Uncertainty of the Cannabinoid analysis is approximately **±.806%** at the 95% Confidence Level

| Analyte | LOD mg/g | LOQ mg/g | Result % | Result mg/g |
|---|----------|----------|--------------|---------------|
| 11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THCV) | 0.013 | 0.041 | ND | ND |
| Cannabidiol (CBDO) | 0.002 | 0.007 | ND | ND |
| Abnormal Cannabidiol (a-CBDO) | 0.01 | 0.031 | ND | ND |
| (+/-)-9B-hydroxy-Hexahydrocannabinol (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 | 0.50 | 4.95 |
| Cannabigerol Acid (CBGA) | 0.001 | 0.16 | 0.27 | 2.70 |
| Cannabigerol (CBG) | 0.001 | 0.16 | ND | ND |
| Cannabidiol (CBD) | 0.001 | 0.16 | ND | ND |
| 1(S)-Tetrahydrocannabinol (1(S)-H4-CBD) | 0.013 | 0.041 | ND | ND |
| 1(R)-Tetrahydrocannabinol (1(R)-H4-CBD) | 0.025 | 0.075 | ND | ND |
| Tetrahydrocannabinol (THCV) | 0.001 | 0.16 | 0.10 | 0.96 |
| Δ8-tetrahydrocannabinol (Δ8-THCV) | 0.021 | 0.064 | 0.51 | 5.10 |
| Cannabidiol (CBDH) | 0.005 | 0.16 | ND | ND |
| Tetrahydrocannabinol (Δ9-THCB) | 0.013 | 0.038 | ND | ND |
| Cannabinol (CBN) | 0.001 | 0.16 | 0.68 | 6.79 |
| Cannabidiophorol (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 | 45.05 | 450.50 |
| (6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10) | 0.126 | 0.42 | ND | ND |
| Hexahydrocannabinol (S Isomer) (9s-HHC) | 0.017 | 0.16 | ND | ND |
| (6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10) | 0.118 | 0.39 | ND | ND |
| Hexahydrocannabinol (R Isomer) (9r-HHC) | 0.016 | 0.16 | ND | ND |
| Tetrahydrocannabinolic Acid (THCA) | 0.001 | 0.16 | 30.09 | 300.91 |
| Δ9-Tetrahydrocannabinol (Δ9-THCH) | 0.024 | 0.071 | 0.92 | 9.16 |
| Cannabinol Acetate (CBNO) | 0.014 | 0.043 | ND | ND |
| Δ9-Tetrahydrocannabinol (Δ9-THCP) | 0.017 | 0.16 | 1.20 | 11.95 |
| Δ8-Tetrahydrocannabinol (Δ8-THCP) | 0.041 | 0.16 | ND | ND |
| Cannabicitran (CBT) | 0.005 | 0.16 | 0.33 | 3.33 |
| 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 |
| Total THC (THCa * 0.877 + Δ9THC) | | | 26.39 | 263.90 |
| Total THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC) | | | 71.44 | 714.40 |
| Total CBD (CBDO * 0.877 + CBD) | | | 0.43 | 4.34 |
| Total CBG (CBGA * 0.877 + CBG) | | | 0.24 | 2.37 |
| Total HHC (9r-HHC + 9s-HHC) | | | ND | ND |
| Total Cannabinoids Analyzed | | | 75.84 | 758.40 |

HME - Heavy Metals Analysis

Analyzed Sep 30, 2024 | Instrument ICP/MSMS | Method SOP-005

| Analyte | LOD ug/g | LOQ ug/g | Result ug/g | Limit ug/g |
|--------------|----------|----------|-------------|------------|
| Arsenic (As) | 0.0009 | 0.0027 | ND | 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 | 0.02 | 0.5 |

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



DCC license: C8-0000098-LIC
 DEA license: RP0611043
 ISO/IEC 17025:2017 Acc. L17-427-1



Scan the QR code to verify authenticity.

Authorized Signature

Brandon Starr

Brandon Starr, Quality Assurance Manager
 Tue, 01 Oct 2024 14:57:59 -0700

PharmLabs San Diego | 3421 Hancock St, Second Floor, San Diego, CA 92110 | 619.356.0898 | ISO/IEC 17025:2017 Acc. L17-427-1



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MIBIG - Microbial Analysis

Analyzed Sep 30, 2024 | Instrument qPCR and/or Plating | Method SOP-007

| Analyte | LOD | LOQ | Result CFU/g | Limit | Analyte | LOD | LOQ | 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 Sep 30, 2024 | 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
 <LOQ Detected
 >ULOL Above upper limit of linearity
 CFU/g Colony Forming Units per 1 gram
 TNTC Too Numerous to Count



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PES - Pesticides Analysis

Analyzed Sep 30, 2024 | Instrument LC/MSMS GC/MSMS | Method SOP-003

| CAPPELLE | 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 |
|-------------------------|----------|----------|-------------|------------|-----------------------|----------|----------|-------------|------------|
| Aldicarb | 0.01 | 0.02 | ND | 0 | Carbofuran | 0.01 | 0.02 | ND | 0 |
| Dimethoate | 0.01 | 0.02 | ND | 0 | Etofenprox | 0.02 | 0.1 | ND | 0 |
| Fenoxycarb | 0.01 | 0.02 | ND | 0 | Thiachlorpid | 0.01 | 0.02 | ND | 0 |
| Daminozide | 0.01 | 0.03 | ND | 0 | Dichlorvos | 0.02 | 0.07 | ND | 0 |
| Imazalil | 0.02 | 0.07 | ND | 0 | Methiocarb | 0.01 | 0.02 | ND | 0 |
| Spiroxamine | 0.01 | 0.02 | ND | 0 | Coumaphos | 0.01 | 0.02 | ND | 0 |
| Fipronil | 0.01 | 0.1 | NT | 0 | Paclobutrazol | 0.01 | 0.03 | ND | 0 |
| Chlorpyrifos | 0.01 | 0.04 | ND | 0 | Ethoprophos (Prophos) | 0.01 | 0.02 | ND | 0 |
| Baygon (Propoxur) | 0.01 | 0.02 | ND | 0 | Chlordane | 0.04 | 0.1 | NT | 0 |
| Chlorfenapyr | 0.03 | 0.1 | NT | 0 | Methyl Parathion | 0.02 | 0.1 | NT | 0 |
| Mevinphos | 0.03 | 0.08 | ND | 0 | Abamectin | 0.03 | 0.08 | ND | 0.1 |
| Acephate | 0.02 | 0.05 | ND | 0.1 | Acetamiprid | 0.01 | 0.05 | ND | 0.1 |
| Azoxystrobin | 0.01 | 0.02 | ND | 0.1 | Bifenazate | 0.01 | 0.05 | 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 |
| Clofentazine | 0.01 | 0.03 | ND | 0.1 | Diazinon | 0.01 | 0.02 | ND | 0.1 |
| Dimethomorph | 0.02 | 0.06 | ND | 2 | Etoazole | 0.01 | 0.05 | ND | 0.1 |
| Fenpyroximate | 0.02 | 0.1 | ND | 0.1 | Fonicamid | 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 | 0.03 | 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 |
| 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 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 |
| 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 | 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 |
| Pentachloronitrobenzene | 0.01 | 0.1 | NT | 0.1 | Chlormequat Chloride | 0.02 | 0.1 | NT | 0.2 |

RES - Residual Solvents Analysis

Analyzed Oct 01, 2024 | 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) | 0.044 | 0.4 | ND | 5000 | Butane (But) | 0.02 | 0.4 | 59.4 | 5000 |
| Methanol (Metha) | 1.176 | 3.92 | <LOQ | 3000 | Ethylene Oxide (EthOx) | 0.08 | 0.4 | ND | 1 |
| Pentane (Pen) | 0.024 | 0.4 | 140.2 | 5000 | Ethanol (Ethan) | 0.048 | 0.4 | 38.9 | 5000 |
| Ethyl Ether (EthEt) | 0.036 | 0.4 | ND | 5000 | Acetone (Acet) | 0.044 | 0.4 | <LOQ | 5000 |
| Isopropanol (2-Pro) | 1.16 | 3.868 | ND | 5000 | Acetonitrile (Acetonit) | 0.888 | 2.952 | <LOQ | 410 |
| Methylene Chloride (MetCh) | 0.04 | 0.4 | ND | 1 | Hexane (Hex) | 0.012 | 0.4 | ND | 290 |
| Ethyl Acetate (EthAc) | 0.032 | 0.4 | ND | 5000 | Chloroform (Clo) | 0.028 | 0.4 | ND | 1 |
| Benzene (Ben) | 0.012 | 0.4 | ND | 1 | 1,2-Dichloroethane (1,2-Dich) | 0.024 | 0.4 | ND | 1 |
| Heptane (Hep) | 0.012 | 0.4 | ND | 5000 | Trichloroethylene (TriClEth) | 0.072 | 0.4 | ND | 1 |
| Toluene (Toluene) | 0.036 | 0.4 | ND | 890 | Xylenes (Xyl) | 0.012 | 0.4 | ND | 2170 |

FVI - Filth & Foreign Material Inspection Analysis

Analyzed Sep 26, 2024 | 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 3g | ND | > 1/4 of the total sample area covered by an imbedded foreign material | ND |

UJ Unidentified
 ND Not Detected
 N/A Not Applicable
 NT Not Reported
 LOD Limit of Detection
 LOQ Limit of Quantification
 <LOQ Detected
 >ULOL Above upper limit of linearity
 CFU/g Colony Forming Units per 1 gram
 TNTC Too Numerous to Count



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Authorized Signature

Brandon Starr

Brandon Starr, Quality Assurance Manager
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PharmLabs San Diego Certificate of Analysis



Sample **OG Lemonade**

| | | | |
|---------------|--------------------|--|--------------------------|
| Delta9 THC UI | THCa 30.57% | Total THC (THCa * 0.877 + THC) 26.81% | Delta8 THC 45.38% |
|---------------|--------------------|--|--------------------------|

| | |
|--|-----------------------|
| Sample ID SD240926-047 (99818) | Matrix Concentrate |
| Tested for Chapo Extrax | |
| Sampled - | Received Sep 25, 2024 |
| Analyses executed CANX, RES, MIBIG, MTO, PES, HME, FVI | Reported Oct 01, 2024 |

Laboratory note: The Δ9-THC results in this particular sample is inconclusive due to potential interferences from several cannabinoids when analyzed using our GC MS/MS D9C method. As a result, this sample will not undergo testing via the GC MS/MS D9C method. However, there are currently no interferences detected with any other cannabinoids in this sample when employing HPLC.

CANx - Cannabinoids Analysis

Analyzed Sep 27, 2024 | Instrument HPLC-VWD | Method SOP-001
 The expanded Uncertainty of the Cannabinoid analysis is approximately **±.806%** at the 95% Confidence Level

| Analyte | LOD mg/g | LOQ mg/g | Result % | Result mg/g |
|---|----------|----------|--------------|---------------|
| 11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THCV) | 0.013 | 0.041 | ND | ND |
| Cannabidiol (CBDO) | 0.002 | 0.007 | ND | ND |
| Abnormal Cannabidiol (a-CBDO) | 0.01 | 0.031 | ND | ND |
| (+/-)-9B-hydroxy-Hexahydrocannabinol (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)-Tetrahydrocannabinol (1(S)-H4-CBD) | 0.013 | 0.041 | ND | ND |
| 1(R)-Tetrahydrocannabinol (1(R)-H4-CBD) | 0.025 | 0.075 | ND | ND |
| Tetrahydrocannabinol (THCV) | 0.001 | 0.16 | 0.15 | 1.50 |
| Δ8-tetrahydrocannabinol (Δ8-THCV) | 0.021 | 0.064 | 0.43 | 4.30 |
| Cannabidiol (CBDH) | 0.005 | 0.16 | ND | ND |
| Tetrahydrocannabinol (Δ9-THCB) | 0.013 | 0.038 | ND | ND |
| Cannabinol (CBN) | 0.001 | 0.16 | 0.64 | 6.41 |
| Cannabidiophorol (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 | 45.38 | 453.81 |
| (6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10) | 0.126 | 0.42 | ND | ND |
| Hexahydrocannabinol (S Isomer) (9s-HHC) | 0.017 | 0.16 | ND | ND |
| (6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10) | 0.118 | 0.39 | ND | ND |
| Hexahydrocannabinol (R Isomer) (9r-HHC) | 0.016 | 0.16 | ND | ND |
| Tetrahydrocannabinolic Acid (THCA) | 0.001 | 0.16 | 30.57 | 305.74 |
| Δ9-Tetrahydrocannabinol (Δ9-THCH) | 0.024 | 0.071 | 1.06 | 10.58 |
| Cannabinol Acetate (CBNO) | 0.014 | 0.043 | ND | ND |
| Δ9-Tetrahydrocannabinol (Δ9-THCP) | 0.017 | 0.16 | 1.34 | 13.37 |
| Δ8-Tetrahydrocannabinol (Δ8-THCP) | 0.041 | 0.16 | ND | ND |
| Cannabicitran (CBT) | 0.005 | 0.16 | 0.24 | 2.45 |
| 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 |
| Total THC (THCa * 0.877 + Δ9THC) | | | 26.81 | 268.13 |
| Total THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC) | | | 72.19 | 721.94 |
| Total CBD (CBDO * 0.877 + CBD) | | | ND | ND |
| Total CBG (CBGA * 0.877 + CBG) | | | ND | ND |
| Total HHC (9r-HHC + 9s-HHC) | | | ND | ND |
| Total Cannabinoids Analyzed | | | 76.06 | 760.55 |

HME - Heavy Metals Analysis

Analyzed Sep 30, 2024 | Instrument ICP/MSMS | Method SOP-005

| Analyte | LOD ug/g | LOQ ug/g | Result ug/g | Limit ug/g |
|--------------|----------|----------|-------------|------------|
| Arsenic (As) | 0.0009 | 0.0027 | ND | 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 | 0.01 | 0.5 |

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



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MIBIG - Microbial Analysis

Analyzed Sep 30, 2024 | Instrument qPCR and/or Plating | Method SOP-007

| Analyte | LOD | LOQ | Result CFU/g | Limit | Analyte | LOD | LOQ | 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 Sep 30, 2024 | 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
 <LOQ Detected
 >ULOL Above upper limit of linearity
 CFU/g Colony Forming Units per 1 gram
 TNTC Too Numerous to Count



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Authorized Signature

Brandon Starr

Brandon Starr, Quality Assurance Manager
 Tue, 01 Oct 2024 14:58:01 -0700

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PES - Pesticides Analysis

Analyzed Sep 30, 2024 | Instrument LC/MSMS GC/MSMS | Method SOP-003

| CAPPELLE | 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 |
|-------------------------|----------|----------|-------------|------------|-----------------------|----------|----------|-------------|------------|
| Aldicarb | 0.01 | 0.02 | ND | 0 | Carbofuran | 0.01 | 0.02 | ND | 0 |
| Dimethoate | 0.01 | 0.02 | ND | 0 | Etofenprox | 0.02 | 0.1 | ND | 0 |
| Fenoxycarb | 0.01 | 0.02 | ND | 0 | Thiachloprid | 0.01 | 0.02 | ND | 0 |
| Daminozide | 0.01 | 0.03 | ND | 0 | Dichlorvos | 0.02 | 0.07 | ND | 0 |
| Imazalil | 0.02 | 0.07 | ND | 0 | Methiocarb | 0.01 | 0.02 | ND | 0 |
| Spiroxamine | 0.01 | 0.02 | ND | 0 | Coumaphos | 0.01 | 0.02 | ND | 0 |
| Fipronil | 0.01 | 0.1 | NT | 0 | Paclobutrazol | 0.01 | 0.03 | ND | 0 |
| Chlorpyrifos | 0.01 | 0.04 | ND | 0 | Ethoprophos (Propfos) | 0.01 | 0.02 | ND | 0 |
| Baygon (Propoxur) | 0.01 | 0.02 | ND | 0 | Chlordane | 0.04 | 0.1 | NT | 0 |
| Chlorfenapyr | 0.03 | 0.1 | NT | 0 | Methyl Parathion | 0.02 | 0.1 | NT | 0 |
| Mevinphos | 0.03 | 0.08 | ND | 0 | Abamectin | 0.03 | 0.08 | ND | 0.1 |
| Acephate | 0.02 | 0.05 | ND | 0.1 | Acetamiprid | 0.01 | 0.05 | ND | 0.1 |
| Azoxystrobin | 0.01 | 0.02 | ND | 0.1 | Bifenazate | 0.01 | 0.05 | 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 |
| Clofentazine | 0.01 | 0.03 | ND | 0.1 | Diazinon | 0.01 | 0.02 | ND | 0.1 |
| Dimethomorph | 0.02 | 0.06 | ND | 2 | Etoazole | 0.01 | 0.05 | ND | 0.1 |
| Fenpyroximate | 0.02 | 0.1 | ND | 0.1 | Fonicamid | 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 | 0.03 | 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 |
| 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 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 |
| 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 |
| Spiritramat | 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 | 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 |
| Pentachloronitrobenzene | 0.01 | 0.1 | NT | 0.1 | Chlormequat Chloride | 0.02 | 0.1 | NT | 0.2 |

RES - Residual Solvents Analysis

Analyzed Oct 01, 2024 | 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) | 0.044 | 0.4 | ND | 5000 | Butane (But) | 0.02 | 0.4 | ND | 5000 |
| Methanol (Metha) | 1.176 | 3.92 | <LOQ | 3000 | Ethylene Oxide (EthOx) | 0.08 | 0.4 | ND | 1 |
| Pentane (Pen) | 0.024 | 0.4 | 127.4 | 5000 | Ethanol (Ethan) | 0.048 | 0.4 | <LOQ | 5000 |
| Ethyl Ether (EthEt) | 0.036 | 0.4 | ND | 5000 | Acetone (Acet) | 0.044 | 0.4 | <LOQ | 5000 |
| Isopropanol (2-Pro) | 1.16 | 3.868 | ND | 5000 | Acetonitrile (Acetonit) | 0.888 | 2.952 | ND | 410 |
| Methylene Chloride (MetCh) | 0.04 | 0.4 | ND | 1 | Hexane (Hex) | 0.012 | 0.4 | ND | 290 |
| Ethyl Acetate (EthAc) | 0.032 | 0.4 | ND | 5000 | Chloroform (Clo) | 0.028 | 0.4 | ND | 1 |
| Benzene (Ben) | 0.012 | 0.4 | ND | 1 | 1,2-Dichloroethane (1,2-Dich) | 0.024 | 0.4 | ND | 1 |
| Heptane (Hep) | 0.012 | 0.4 | ND | 5000 | Trichloroethylene (TriClEth) | 0.072 | 0.4 | ND | 1 |
| Toluene (Toluene) | 0.036 | 0.4 | ND | 890 | Xylenes (Xyl) | 0.012 | 0.4 | ND | 2170 |

FVI - Filth & Foreign Material Inspection Analysis

Analyzed Sep 26, 2024 | 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 3g | ND | > 1/4 of the total sample area covered by an imbedded foreign material | ND |

UJ Unidentified
 ND Not Detected
 N/A Not Applicable
 NT Not Reported
 LOD Limit of Detection
 LOQ Limit of Quantification
 <LOQ Detected
 >ULOL Above upper limit of linearity
 CFU/g Colony Forming Units per 1 gram
 TNTC Too Numerous to Count



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