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PharmLabs San Diego Certificate of Analysis

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sample Shadow Blend - Mandarin Kush





Sample ID SD230202-044 (61010)		Matrix Concentrate (Inhalable Cannabis C	Good)				
Distributor License 604034860	Address 1	Vanderbilt, Irvine CA, 92618		Name Savage Enterprises			
Sampled -	Received Feb 01, 2023		Reported Feb 08, 2023				
Analyses executed CANX, RES, MIBIG, MTO, PES, HME, FVI							

Laboratory note: The estimated concentration of the unknown peak in the sample is 2.70% | 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 is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (+)d8-THC and d9-THC with the majority, if not all, of the concentration being (+)d8-THC. Total (+/-) D8 Concentration is estimated to be 54.14%

CANX - Cannabinoids Analysis

Analyzed Feb 08, 2023 | Instrument HLPC Measurement Uncertainty at 95% confidence7.806%

Measurement Uncertainty at 95% confidence7.806%				
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	0.22	2.20
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	2.36	23.60
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	54.14	541.45
(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.16	2.09	20.94
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	ND	ND
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.16	24.33	243.30
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	0.66	6.63
	0.024	0.071	ND	ND
Cannabinol Acetate (CBNO)	0.014	0.043	ND	ND
Δ9-Tetrahydrocannabiphorol (Δ9-THCP)	0.017	0.16	ND	ND
Δ8-Tetrahydrocannabiphorol (Δ8-THCP)	0.041	0.16	ND	ND
Cannabicitran (CBT)	0.005	0.16	ND	ND
A8-THC-O-acetate (A8-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(5)-HHC-O-acetate (s-HHCO)	0.005	0.16	ND	ND
3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)	0.067	0.204	ND	ND
Total THC (THCa * 0.877 + A9THC)			0.58	5.82
Total THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC)			81.15	811.51
Total CBD (CBDa + 0.877 + CBD)			0.22	2.20
Total CBG (CBGa * 0.877 + CBG)			ND	ND
Total HHC (9r-HHC + 9s-HHC)			ND	ND
Total Cannabinoids			83.73	837.31

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	0.00	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	ND	0.1	Lead (Pb)	1.0e-05	0.00125	0.11	0.5

UI Not Identified ND Not Detected N/A Not Applicable NT Not Reported LOD Limit of Detection LOQ Limit of Otentification <LOQ Detected >ULQL Above upper limit of linearity >ULQL Above upper limit of linearity CFU/Q colong Forming Units per 1 gram TNTC Too Numerous to Count







Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Wed, 08 Feb 2023 14:23:21 -0800



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QA Testing

Limit ug/kg

20

Result ug/kg (ppb)

ND

ND

ND

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 03, 2023 | Instrument LC/MSMS | Method SOP-004 LOD ug/kg LOQ ug/kg Limit ug/kg LOD ug/kg Analyte Result ug/kg (ppb) Analyte LOQ ug/kg Ochratoxin A 5.0 20.0 ND 20 Aflatoxin B1 2.5 5.0 Aflatoxin B2 2.5 5.0 ND Aflatoxin G1 2.5 5.0 Aflatoxin G2 2.5 5.0 ND Total Aflatoxins 10.0 20.0

UI Not Identified ND Not Detected NA Not Applicable NT Not Reported LOD Limit of Detection LOQ Limit of Quantification <LOQ Detected ALOQ Detected >ULOL Above upper limit of linearity CFU/Q colony forming Units per 1 gram TNTC Too Numerous to Count







enticity

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Brandon Starr

Brandon Starr, Lab Manager Wed, 08 Feb 2023 14:23:21 -0800



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QA Testing

PES - Pesticides Screening Analysis

Analyzed Feb 03, 2023 | Instrument LC/MSMS GC/MSMS | Method SOP-003

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
Aldicarb	0.0078	0.02	ND	0.0078	Carbofuran	0.01	0.02	ND	0.01
Dimethoate	0.01	0.02	ND	0.01	Etofenprox	0.02	0.1	ND	0.02
Fenoxycarb	0.01	0.02	ND	0.01	Thiachloprid	0.01	0.02	ND	0.01
Daminozide	0.01	0.03	ND	0.01	Dichlorvos	0.02	0.07	ND	0.02
Imazalil	0.02	0.07	ND	0.02	Methiocarb	0.01	0.02	ND	0.01
Spiroxamine	0.01	0.02	ND	0.01	Coumaphos	0.01	0.02	ND	0.01
Fipronil	0.01	0.1	ND	0.01	Paclobutrazol	0.01	0.03	ND	0.01
Chlorpyrifos	0.01	0.04	ND	0.01	Ethoprophos (Prophos)	0.01	0.02	ND	0.01
Baygon (Propoxur)	0.01	0.02	ND	0.01	Chlordane	0.04	0.1	ND	0.04
Chlorfenapyr	0.03	0.1	ND	0.03	Methyl Parathion	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
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
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	0.05	ND	0.1
Fenpyroximate	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
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	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
Pentachloronitrobenzene	0.01	0.1	ND	0.1					

RES - Residual Solvents Testing Analysis

Analyzed Feb 08, 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	45.3	5000.0
Isopropanol (2-Pro)	0.4	40.0	ND	5000.0	Acetonitrile (Acetonit)	0.4	40.0	ND	410.0
Methylene Chloride (MetCh)	0.4	0.8	1.0	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 02, 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 > 1/4 of the total sample area covered by mold ND ND >1 insect fragment, 1 hair, or 1 count mammalian excreta per 3g > 1/4 of the total sample area covered by an imbedded foreign material ND 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 Wed, 08 Feb 2023 14:23:21 -0800



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sample Shadow Blend - Raspberry Kush



Sample ID SD230202-045 (61011)							
Distributor License 604034860	Address 1	I Vanderbilt, Irvine CA, 92618	1	Name Savage Enterprises			
Sampled -	Received Feb 01, 2023		Reported Feb 08, 2023				
Analyses executed CANX, RES, MIBIG, MTO, PES, HME, FVI							

Laboratory note: The estimated concentration of the unknown peak in the sample is 200% | 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 51.52%

CANX - Cannabinoids Analysis

Analyzed Feb 08, 2023 | Instrument HLPC

Measurement Uncertainty at 95% confidence7.806%				
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	0.10	1.00
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	2.00	20.01
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	51.32	513.18
(6aR,9S)-010-Tetrahydrocannabinol ((6aR,9S)-010)	0.015	0.16	2.30	23.03
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	ND	ND
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.16	24.21	242.05
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	0.51	5.07
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	ND	ND
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(5)-HHC-O-acetate (s-HHCO)	0.005	0.16	ND	ND
3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)	0.067	0.204	ND	ND
Total THC (THCa * 0.877 + Δ9THC)			0.44	4.45
Total THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC)			78.27	782.71
Total CBD (CBDa * 0.877 + CBD)			ND	ND
Total CBG (CBGa * 0.877 + CBG)			0.10	1.00
Total HHC (9r-HHC + 9s-HHC)			ND	ND
Total Cannabinoids			80.37	803.72

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	ND	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	0.14	0.5

UI Not Identified ND Not Detected N/A Not Applicable NT Not Reported LOD Limit of Detection LOQ Limit of Otection LOQ Limit of Otection <LOQ Detected >ULQL Above upper limit of linearity >ULQL 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 Wed, 08 Feb 2023 14:23:23 -0800



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QA Testing

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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 03, 2023 | Instrument LC/MSMS | Method SOP-004 LOD ug/kg LOQ ug/kg Limit ug/kg LOD ug/kg Limit ug/kg Analyte Result ug/kg (ppb) Analyte LOQ ug/kg Result ug/kg (ppb) 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

UI Not Identified ND Not Detected NA Not Applicable NT Not Reported LOD Limit of Detection LOQ Limit of Otenctification <LOQ Detected >ULQL Above upper limit of linearity >ULQL Above upper limit of linearity CFU/Q colong Forming Units per 1 gram TNTC Too Numerous to Count







Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Wed, 08 Feb 2023 14:23:23 -0800



SD230202-045 page 3 of 3

QA Testing

PES - Pesticides Screening Analysis

Analyzed Feb 03, 2023 | Instrument LC/MSMS GC/MSMS | Method SOP-003

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
Aldicarb	0.0078	0.02	ND	0.0078	Carbofuran	0.01	0.02	ND	0.01
Dimethoate	0.01	0.02	ND	0.01	Etofenprox	0.02	0.1	ND	0.02
Fenoxycarb	0.01	0.02	ND	0.01	Thiachloprid	0.01	0.02	ND	0.01
Daminozide	0.01	0.03	ND	0.01	Dichlorvos	0.02	0.07	ND	0.02
Imazalil	0.02	0.07	ND	0.02	Methiocarb	0.01	0.02	ND	0.01
Spiroxamine	0.01	0.02	ND	0.01	Coumaphos	0.01	0.02	ND	0.01
Fipronil	0.01	0.1	ND	0.01	Paclobutrazol	0.01	0.03	ND	0.01
Chlorpyrifos	0.01	0.04	ND	0.01	Ethoprophos (Prophos)	0.01	0.02	ND	0.01
Baygon (Propoxur)	0.01	0.02	ND	0.01	Chlordane	0.04	0.1	ND	0.04
Chlorfenapyr	0.03	0.1	ND	0.03	Methyl Parathion	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
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
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	0.05	ND	0.1
Fenpyroximate	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
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	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
Pentachloronitrobenzene	0.01	0.1	ND	0.1					

RES - Residual Solvents Testing Analysis

Analyzed Feb 08, 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	44.5	5000.0
Isopropanol (2-Pro)	0.4	40.0	ND	5000.0	Acetonitrile (Acetonit)	0.4	40.0	ND	410.0
Methylene Chloride (MetCh)	0.4	0.8	1.0	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 02, 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 > 1/4 of the total sample area covered by mold ND ND >1 insect fragment, 1 hair, or 1 count mammalian excreta per 3g > 1/4 of the total sample area covered by an imbedded foreign material ND 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 Wed, 08 Feb 2023 14:23:23 -0800



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Sample Shadow Blend - Guava



Sample ID SD230202-046 (61012)	Matrix Concentrate (Inhalable Cannabis Good)					
Distributor License 604034860	Address	1 Vanderbilt, Irvine CA, 92618		Name Savage Enterprises		
Sampled -	Received Feb 01, 2023		Reported Feb 08, 2023			
Analyses executed CANX, RES, MIBIG, MTO,	, PES, HME, FVI					

Laboratory note: The estimated concentration of the unknown peak in the sample is 2.48% | Currently PharmLabs laboratory can not confirm an unidentified peak in your chromatogram due to interference (only with highly concentrated D8 products) from which we believe to be either (+)d8-THC or d9-THC. At this time there are no reference standards available for (+)d8-THC. (+)d8-THC is a different compound from the main (-)d8-THC cannobinoid and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques available, the separation of (+)d8-THC and d9-THC 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 55.50%).

CANX - Cannabinoids Analysis

Analyzed Feb 08, 2023 | Instrument HLPC 07 006 %

Measurement Uncertainty at 95% confidence7.806%				
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	0.15	1.54
Cannabidiol (CBD)	0.001	0.16	0.31	3.06
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
A8-tetrahydrocannabivarin (A8-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	2.07	20.67
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	55.20	552.00
(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.16	2.87	28.75
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	ND	ND
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.16	27.57	275.69
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	0.55	5.47
A9-Tetrahydrocannabihexol (A9-THCH)	0.024	0.071	ND	ND
Cannabinol Acetate (CBNO)	0.014	0.043	ND	ND
Δ9-Tetrahudrocannabiphorol (Δ9-THCP)	0.017	0.16	ND	ND
A8-Tetrahydrocannabiphorol (A8-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
A9-THC-0-acetate (A9-THCO)	0.066	0.16	ND	ND
9(R)-HHCP (r-HHCP)	0.026	0.079	ND	ND
9(5)-HHC-O-acetate (s-HHCO)	0.005	0.16	ND	ND
3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)	0.067	0.204	ND	ND
Total THC (THCa * 0.877 + A9THC)			0.48	4.80
Total THC + Δ 8THC + Δ 10THC (THCa + 0.877 + Δ 9THC + Δ 8THC + Δ 10THC)			86.12	861.24
Total CBD (CBDa * 0.877 + CBD)			0.31	3.06
Total CBG (CBGa * 0.877 + CBG)			0.15	1.54
Total HHC (9r-HHC + 9s-HHC)			ND	ND
Total Canabinoids			88.65	886.50

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	0.00	0.2	Cadmium (Cd)	3.0e-05	0.0005	0.00	0.2
Mercury (Hg)	1.0e-05	0.0001	ND	0.1	Lead (Pb)	1.0e-05	0.00125	0.12	0.5

UI Not Identified ND Not Detected N/A Not Applicable NT Not Reported LOD Limit of Detection LOQ Limit of Otection LOQ Limit of Otection <LOQ Detected >ULQL Above upper limit of linearity >ULQL Above upper limit of linearity CFU/Q colony forming Units per 1 gram TNTC Too Numerous to Count







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Brandon Starr

Brandon Starr, Lab Manager Wed, 08 Feb 2023 14:23:25 -0800



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QA Testing

Limit ug/kg

20

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 03, 2023 | Instrument LC/MSMS | Method SOP-004 LOD ug/kg LOQ ug/kg Limit ug/kg LOD ug/kg Analyte Result ug/kg (ppb) Analyte LOQ ug/kg Result ug/kg (ppb) 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

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







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QA Testing

PES - Pesticides Screening Analysis

Analyzed Feb 03, 2023 | Instrument LC/MSMS GC/MSMS | Method SOP-003

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
Aldicarb	0.0078	0.02	ND	0.0078	Carbofuran	0.01	0.02	ND	0.01
Dimethoate	0.01	0.02	ND	0.01	Etofenprox	0.02	0.1	ND	0.02
Fenoxycarb	0.01	0.02	ND	0.01	Thiachloprid	0.01	0.02	ND	0.01
Daminozide	0.01	0.03	ND	0.01	Dichlorvos	0.02	0.07	ND	0.02
Imazalil	0.02	0.07	ND	0.02	Methiocarb	0.01	0.02	ND	0.01
Spiroxamine	0.01	0.02	ND	0.01	Coumaphos	0.01	0.02	ND	0.01
Fipronil	0.01	0.1	ND	0.01	Paclobutrazol	0.01	0.03	ND	0.01
Chlorpyrifos	0.01	0.04	ND	0.01	Ethoprophos (Prophos)	0.01	0.02	ND	0.01
Baygon (Propoxur)	0.01	0.02	ND	0.01	Chlordane	0.04	0.1	ND	0.04
Chlorfenapyr	0.03	0.1	ND	0.03	Methyl Parathion	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
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
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	0.05	ND	0.1
Fenpyroximate	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
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	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
Pentachloronitrobenzene	0.01	0.1	ND	0.1					

RES - Residual Solvents Testing Analysis

Analyzed Feb 08, 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	54.8	5000.0
Isopropanol (2-Pro)	0.4	40.0	ND	5000.0	Acetonitrile (Acetonit)	0.4	40.0	ND	410.0
Methylene Chloride (MetCh)	0.4	0.8	1.0	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 02, 2023 | Instrument Microscope | Method SOP-010
 Result
 Analyze / Limit
 Result

 Analyzed / Limit
 Result
 Analyze / 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

 > 1insect fragment, 1 hair, or 1 count mammalian excreta per 5g
 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 Wed, 08 Feb 2023 14:23:25 -0800



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sample Shadow Blend - Starfruit





Sample ID SD230202-047 (61013)	Matrix Concentrate (Inhalable Cannabis Good)					
Distributor License 604034860	Address 1 Vand	derbilt, Irvine CA, 92618	Name Sav	age Enterprises		
Sampled -	Received Feb 01, 2023		Reported Feb 08, 2023			
Analyses executed CANX, RES, MIBIG, MTO, PE	ES, HME, FVI					

Laboratory note: The estimated concentration of the unknown peak in the sample is 250% j 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 and d9-THC with the majority, if not all, of the concentration being (+)d8-THC. Total (+/-) D8 Concentration is estimated to be 52.7/64.

CANX - Cannabinoids Analysis

Analyzed Feb 08, 2023 | Instrument HLPC

Measurement Uncertainty at 95% confidence 7.806 %				
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	0.20	1.98
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	1.88	18.82
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	52.76	527.60
(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.16	2.43	24.34
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	ND	ND
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.16	24.11	241.06
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	0.76	7.58
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	ND	ND
	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(5)-HHC-O-acetate (s-HHCO)	0.005	0.16	ND	ND
3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)	0.067	0.204	ND	ND
Total THC (THCa * 0.877 + Δ9THC)			0.67	6.65
Total THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC)			79.96	799.65
Total CBD (CBDa*0.877 + CBD)			0.20	1.98
Total CBG (CBGa * 0.877 + CBG)			ND	ND
Total HHC (9r-HHC + 9s-HHC)			ND	ND
Total Cannabinoids			82.04	820.45

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	ND	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	0.06	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 Wed, 08 Feb 2023 14:23:27 -0800



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QA Testing

Limit ug/kg

20

Result ug/kg (ppb)

ND

ND

ND

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 03, 2023 | Instrument LC/MSMS | Method SOP-004 LOD ug/kg LOQ ug/kg Limit ug/kg LOD ug/kg Analyte Result ug/kg (ppb) Analyte LOQ ug/kg Ochratoxin A 5.0 20.0 ND 20 Aflatoxin B1 2.5 5.0 Aflatoxin B2 2.5 5.0 ND Aflatoxin G1 2.5 5.0 Aflatoxin G2 2.5 5.0 ND Total Aflatoxins 10.0 20.0

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







Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Wed, 08 Feb 2023 14:23:27 -0800



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QA Testing

PES - Pesticides Screening Analysis

Analyzed Feb 03, 2023 | Instrument LC/MSMS GC/MSMS | Method SOP-003

Aldcarb0.00780.02ND0.01Carbofrom0.010.02ND0.01Fenorycarb0.010.02ND0.00Thechloprid0.010.02ND0.02Fenorycarb0.010.020.07ND0.000.02ND0.02ND0.02Imozalli0.020.07ND0.000.02ND0.02ND0.02ND0.02ND0.02ND0.02ND0.02ND0.02ND0.02ND0.02ND0.02ND0.010.02ND0.010.02ND0.010.02ND0.010.02ND0.010.02ND0.010.02ND0.010.02ND0.010.02ND0.010.02ND0.010.02ND0.010.02NDND <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 0.01 0.02 Imazali 0.02 0.07 ND 0.02 Methocarb 0.01 0.02 ND 0.01 Spirosamio 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 Bargon (Propow) 0.01 0.02 ND 0.01 Ethopropho (Propho) 0.02 ND 0.01 Bargon (Propow) 0.01 0.02 ND 0.03 Methyl Porthin 0.02 0.01 ND 0.02 Meriphos 0.02 0.05 ND 0.13 Berlenzite 0.01 0.05 ND 0.13 Acoptrobin 0.02 0.02 ND 0.1 Berlenzite 0.01 0.05 ND 0.01 0.05 ND 0.01 0.05 ND 0.01 0.02 ND 0.0	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 Methicach 0.01 0.02 ND 0.01 Spiraxamine 0.01 0.02 ND 0.01 0.01 0.02 ND 0.01 0.01 0.02 ND 0.01 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 Chiorpurito 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 Acceptor 0.02 0.03 ND 0.1 Accentripirid 0.01 0.05 ND 0.1 Accogstrobin 0.01 0.02 ND 0.1 Bferazate 0.01 0.03 ND 0.1 Biferatinin 0.02 0.02 ND 0.1 Biferazate 0.01 0.04 ND 0.1 Corbaryl 0.01 0.02 ND 0.1 Evarale 0.01 0.02 ND 0.1 Dinehomorph <td>Imazalil</td> <td>0.02</td> <td>0.07</td> <td>ND</td> <td>0.02</td> <td>Methiocarb</td> <td>0.01</td> <td>0.02</td> <td>ND</td> <td>0.01</td>	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(Prophos) 0.01 0.02 ND 0.01 Baygon (Propoxur) 0.03 0.01 ND 0.01 Chiordene 0.04 0.1 ND 0.04 Chiorfenopyr 0.03 0.03 0.01 ND 0.03 Abamectin 0.05 0.08 ND 0.1 Acephote 0.02 0.05 ND 0.11 Actimiprid 0.01 0.05 ND 0.1 Acephote 0.02 0.05 ND 0.1 Bifenozate 0.01 0.05 ND 0.1 Acephote 0.01 0.02 ND 0.5 Chiorantroniliprole 0.01 0.04 ND 0.1 Carbaryl 0.01 0.02 ND 0.1 Diazinon 0.01 0.02 ND 0.1 Carbaryl 0.02 0.06 ND 2 Etoxazole 0.01 0.02 ND 0.1 Dinethomorph	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 0.08 ND 0.01 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 0.01 0.05 ND 0.01 0.05 ND 0.01 0.02 ND 0.1 Corberty 0.01 0.02 ND 0.1 Instructure0.01 0.02 ND 0.1 InstructureND 0.01 ND 0.1 InstructureND 0.01 ND 0.1 InstructureND 0.01 ND 0.1 InstructureND 0.01 ND 0.1 ND<	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 0.03 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 0.03 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 Kreosmi-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 Floatocarle 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 Metodayl 0.01 0.02 ND 0.1 ND 0.1 <t< td=""><td>Mevinphos</td><td></td><td>0.08</td><td>ND</td><td>0.03</td><td>Abamectin</td><td></td><td>0.08</td><td>ND</td><td>0.1</td></t<>	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 Spinoscal A 0.01 0.05 ND 0.1 Spinoscal D 0.01 0.02 ND	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 08, 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	44.5	5000.0
Isopropanol (2-Pro)	0.4	40.0	ND	5000.0	Acetonitrile (Acetonit)	0.4	40.0	ND	410.0
Methylene Chloride (MetCh)	0.4	0.8	1.0	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 02, 2023 | Instrument Microscope | Method SOP-010
 Result
 Analyze / Limit
 Result

 Analyzed / Limit
 Result
 Analyze / 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

 > 1insect fragment, 1 hair, or 1 count mammalian excreta per 5g
 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 Wed, 08 Feb 2023 14:23:27 -0800



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