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 Ghost Train Haze

Sample ID SD230621-023 (79994)		Matrix Concentrate (Inhalable Cannabis Go	od)	
Distributor License 604034860	Addre	ess 1 Vanderbilt, Irvine CA, 92618		Name Savage Enterprises
Sampled -	Received Jun 20, 2023		Reported Jun 27, 2023	
Application and CANIV DEC MIDIC ME	O DEC LIME EVI			

Laboratory note: The estimated concentration of the unknown peak in the sample is 0.18% | 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 49-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 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 70.26%.

CANX - Cannabinoids Analysis

Analyzed Jun 27, 2023 | Instrument HPLC-VWD | Method

Page	The expanded Uncertainty of the Cannabinoid analysis is approximately \$\mathbf{I}.806\% at the 95\% Confidence Level				
Composibility (CEIDEO)	Analyte		LOQ mg/g		
About Abo	11-Hydroxy-Δ8-Tetrahydrocannabivarin (11-Hyd-Δ8-THCV)	0.013	0.041	ND	
(4)	Cannabidiorcin (CBDO)	0.002	0.007	ND	ND
Hydrogala Fetrolyufoconnobland (Hydrá A8-THC)	Abnormal Cannabidiorcin (a-CBDO)	0.01	0.031	ND	ND
Connabiguer And CERDA	(+/-)-9B-hydroxy-Hexahydrocannibinol (9b-HHC)	0.012	0.036	ND	ND
Connobigerio (Acid (CBA) Connobigerio (CBO)	11-Hydroxy-∆8-Tetrahydrocannabinol (11-Hyd-∆8-THC)	0.007	0.021	ND	ND
Connobiser (CER) 0.001 0.16 ND ND Connobiser (CER) 0.001 0.16 ND ND ND Connobiser (CER) 0.003 0.041 ND ND ND ND ND ND ND N	Cannabidiolic Acid (CBDA)	0.001	0.16	ND	ND
Composition (CED) Com	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
Tetrohydrocannoblyvarin (THCV)	1(S)-THD (s-THD)	0.013	0.041	ND	ND
Abs-terrolly droc annobative (AB-THCY) 0.021 0.04 ND Cannobidile bool (CBDF) 0.055 0.16 ND ND Terrolly droc annobative (AB-THCB) 0.01 0.05 2.04 2.49	1(R)-THD (r-THD)	0.025	0.075	ND	ND
Cannobidshexol (EBH) 0.005 0.16 ND ND Tetra hydrocannobutol (Δ9-THCB) 0.013 0.038 ND ND Cannobids (EBN) 0.001 0.16 2.49 2.491 Cannobids (EBP) 0.005 0.16 ND ND Cern CHC (EBCP) 0.005 0.16 ND ND Tetro Hydrocannobinol (A9-THC) 0.003 0.16 UJ UJ Set-etrichydrocannobinol (A9-THC) 0.004 0.16 ND ND Set-etrichydrocannobinol (B4-THC) 0.005 0.16 ND ND Set-etrichydrocannobinol (B4-THC) 0.007 0.16 ND ND Set-etrichydrocannobinol (B4-THCP) 0.017 0.16 ND ND Hexchydrocannobinol (B4-THCP) 0.016 0.16 ND ND Hexchydrocannobinol (B4-THCA) 0.016 0.16 ND ND Set Tetrohydrocannobinol (B4-THCB) 0.014 0.04 0.14 0.14 0.14 0.14 0.14 0.14 0.14 </td <td>Tetrahydrocannabivarin (THCV)</td> <td>0.001</td> <td>0.16</td> <td>ND</td> <td>ND</td>	Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND
Tetrolygic connobinot (Δ9-THCB)	Δ8-tetrahydrocannabivarin (Δ8-THCV)	0.021	0.064	ND	ND
Camabini (EBP) 0.001 0.15 2.49 2.491 Camabini (EBP) 0.015 0.047 ND ND ND ND ND ND ND ND ND ND ND ND Tetra (PAP) 0.005 0.16 ND ND Earthrydrocamobinio (Ide (PAP) 0.003 0.16 ND ND Set-Estrolydrocamobinio (Ide (PAP) 0.005 0.16 ND ND Idea (BAPS)-AID - Tetra (hydrocamobinio (Ide (PAP)-AID) 0.01 0.16 ND ND Idea (BAPS)-AID - Tetra (hydrocamobinio (Ide (BAPS)-AID) 0.01 0.16 ND ND Idea (BAPS)-AID - Tetra (hydrocamobinio (Ide (BAPS)-AID) 0.01 0.01 ND ND Idea (BAPS)-AID - Tetra (hydrocamobinio (Ide (BAPS)-AID) 0.01 0.01 ND ND Idea (BAPS)-AID - Tetra (hydrocamobinio (Ide (BAPS)-AID) 0.01 ND ND ND Idea (BAPS)-AID - Tetra (hydrocamobinio (Ide (BAPS)-AID) 0.01 ND ND ND ND ND	Cannabidihexol (CBDH)	0.005	0.16	ND	ND
Contabilidarior (CBDP) 0.015 0.047 ND ND cer - HC (seo - HC) 0.005 0.16 ND ND Tetrohydrocannobinol (A9-THC) 0.003 0.16 UI UI A8-tetrohydrocannobinol (A8-THC) 0.004 0.16 ND ND Bernard (A8-PS-AD) 0.005 0.16 ND ND Bernard (A8-PS-AD) 0.007 0.16 ND ND AB-Tetrohydrocannobibinol (Resmery)-BAD 0.001 0.16 ND ND AB-Tetrohydrocannobibinol (A8-THCA) 0.001 0.04 0.04 1.04 1.04 AB-Tetrohydrocannobibinol (A8-THCA) 0.01 0.04 0.04 1.04 1.04 1.04 1.04 1.04 1.04	Tetrahydrocannabutol (Δ9-THCB)	0.013	0.038	ND	ND
exo-THC (exo-THC) 0.005 0.16 ND ND Tetrohydroconnobinol (3P-THC) 0.003 0.16 UI UI UI UI VI 20.26 702.60	Cannabinol (CBN)	0.001	0.16	2.49	24.91
Tetrahydrocannabinol (Δ9-THC) 0.003 0.16 UI UL Δ8-tetrahydrocannabinol (Δ8-THC) 0.004 0.16 70.26 702.60 (68,R95)-Δ10-Tetrahydrocannabinol (56,R95)-Δ10) 0.015 0.16 ND ND Hexahydrocannabinol (5 Isomer) (9s-HHC) 0.007 0.16 ND ND Hexahydrocannabinol (8 Isomer) (9s-HHC) 0.001 0.16 ND ND Hexahydrocannabinol (6 Isomer) (9r-HHC) 0.001 0.16 ND ND Tetrahydrocannabinol Actal (THCA) 0.001 0.16 1.34 13.4 A9-Tetrahydrocannabinol Actal (THCA) 0.001 0.16 1.34 13.4 A9-Tetrahydrocannabiphorol (39-THCP) 0.014 0.045 ND ND A9-Tetrahydrocannabiphorol (39-THCP) 0.017 0.16 0.74 .74 A8-Tetrahydrocannabiphorol (38-THCP) 0.017 0.16 ND ND A9-Tetrahydrocannabiphorol (38-THCP) 0.01 0.01 ND ND A8-Tetrahydrocannabiphorol (38-THCP) 0.00 0.01 ND </td <td>Cannabidiphorol (CBDP)</td> <td>0.015</td> <td>0.047</td> <td>ND</td> <td>ND</td>	Cannabidiphorol (CBDP)	0.015	0.047	ND	ND
Δ8-tetrohydrocannobinol (Δ8-THC) 0.004 0.16 70.26 702.60 (6α,R95)-Δ10-Tetrohydrocannobinol ((6αR,95)-Δ10) 0.015 0.16 ND ND McAby-Jan-Catter chydrocannobinol ((6αR,95)-Δ10) 0.017 0.16 ND ND (6α,R95)-Δ10-Tetrohydrocannobinol (8 Isomer) (9x-HHC) 0.007 0.16 ND ND McAby-Jan-Catter (14CA) 0.001 0.16 ND ND McAby-Tetrohydrocannobinol (AB Isomer) (9x-HHC) 0.024 0.01 ND ND Cannobinol Acetate (CBNO) 0.024 0.01 ND ND ND Δβ-Tetrohydrocannobiphoral (34-THCP) 0.01 0.04 0.03 ND ND Δβ-Tetrohydrocannobiphoral (34-THCP) 0.01 0.05 0.16 ND ND Δβ-Tetrohydrocannobiphoral (34-THCP) 0.04 0.05 0.16 ND ND Δβ-Tetrohydrocannobiphoral (38-THCP) 0.04 0.05 0.16 ND ND Δβ-THC-O-acetate (38-THCP) 0.03 0.04 ND ND Δβ-THC-O-acetate (38-THCP) 0.03 0.04 ND ND <t< td=""><td>exo-THC (exo-THC)</td><td>0.005</td><td>0.16</td><td>ND</td><td>ND</td></t<>	exo-THC (exo-THC)	0.005	0.16	ND	ND
(64R,95)-Δ10-Tetrahydrocannabinol ((66R,95)-Δ10) 0.16 ND ND ND ND (66R,975)-Δ10-Tetrahydrocannabinol ((66R,975)-Δ10-Tetrahydrocannabinol ((68R,975)-Δ10-Tetrahydrocannabinol ((68R,975)-Δ10-Tetrahydrocannabino	Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	UI	UI
(64R,95)-Δ10-Tetrahydrocannabinol ((66R,95)-Δ10)	Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	70.26	702.60
(64R,9R)-Δ10-Tetrahydrocannabinol ((66R,9R)-Δ10)	(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.16	ND	ND
Hexahydrocannabinol (R Isomer) (9r-HHC) 0.016 0.16 ND ND Tetrahydrocannabinol (Add (THCA) 0.001 0.16 1.34 15.44 Δ9-Tetrahydrocannabihexol (Δ9-THCH) 0.024 0.071 ND ND Cannabinol Acetate (CBNO) 0.014 0.043 ND ND Δ9-Tetrahydrocannabiphorol (Δ9-THCP) 0.017 0.16 0.74 7.44 Δ8-Tetrahydrocannabiphorol (Δ8-THCP) 0.041 0.16 0.45 4.54 Cannabicitar (CBT) 0.041 0.16 0.45 4.54 Cannabicitar (CBT) 0.05 0.16 ND ND Δ8-THC-O-acetate (Δ8-THCO) 0.05 0.16 ND ND 9(9)-HHCP (-HHCP) 0.06 0.16 ND ND 9(9)-HHCP (-HHCP) 0.06 0.16 ND ND 9(9)-HHCP (-HHCP) 0.06 0.16 ND ND 9(9)-HHC-O-acetate (s-HHCO) 0.06 0.16 ND ND 9(5)-HHC-O-acetate (s-HHCO) 0.06 0.16	Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	ND	ND
Tetrahydrocannabinolic Acid (THCA) 0.001 0.16 1.34 13.44 Δ9-Tetrahydrocannabineval (Δ9-THCH) 0.024 0.071 ND ND ND Cannabinol Acetar (CBNO) 0.014 0.043 ND ND ND Cannabinol Acetar (CBNO) 0.014 0.043 ND ND ND ND ND-Tetrahydrocannabiphorol (Δ9-THCP) 0.017 0.16 0.47 1.44 Δ9-Tetrahydrocannabiphorol (Δ9-THCP) 0.001 0.001 0.16 0.45 1.45 Δ9-Tetrahydrocannabiphorol (Δ9-THCP) 0.001 0.001 0.16 0.04 0.04 0.04 0.04 0.04 0.005 0.06 0.005 0.06 0.00 0.005 0.00 0.00	(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.16	ND	ND
Δ9-Tetrahydrocannabihexol (Δ9-THCH) 0.024 0.071 ND ND ND Ocanobinol Acetate (CBNO) 0.014 0.043 ND ND ND A9-Tetrahydrocannabiphorol (Δ9-THCP) 0.016 0.74 7.45 7.45 7.45 7.45 7.45 7.45 7.45 7	Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	ND	ND
Δ9-Fetrahydrocannabihexol (Δ9-THCH) 0,024 0,071 ND ND Connabitor Acetate (CBNO) 0,044 0,043 ND ND Δ9-Fetrahydrocannabiphorol (Δ9-THCP) 0,017 0,16 0,74 2,45 Δ8-Fetrahydrocannabiphorol (Δ8-THCP) 0,041 0,16 0,45 4,54 Cannabicitran (CBT) 0,05 0,16 ND ND Δ8-THC-O-caetate (Δ8-THCO) 0,07 0,16 ND ND 9(S)-HHCP (s-HHCP) 0,031 0,09 ND ND 9(S)-HHCP (s-HHCP) 0,06 0,16 ND ND 9(S)-HHCP (s-HHCP) 0,00 0,06 ND ND 9(S)-HCP (s-better) 0,00 0,00 ND ND 20-EX (see (see (see (see (see (see (see (se	Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	1.34	13.44
Canabinol Acetate (CBNO) 0.014 0.043 ND ND Δ9-Tetrchydrocannabiphorol (Δ9-THCP) 0.017 0.16 0.74 7.44 Δ8-Tetrchydrocannabiphorol (Δ8-THCP) 0.041 0.16 0.45 4.54 Δ8-Tetrchydrocannabiphorol (Δ8-THCP) 0.005 0.16 0.70 ND Δ8-THC-O-acetate (Δ8-THCO) 0.07 0.06 0.16 ND ND 9(S)-HHCP (s-HHCP) 0.031 0.094 ND ND 9(S)-HHC-O-acetate (Δ9-THCO) 0.066 0.16 ND ND 9(S)-HHCP (s-HHCP) 0.026 0.79 ND ND 9(S)-HHC-O-acetate (s-HHCO) 0.06 0.16 ND ND 9(S)-HHC-O-acetate (s-HHCO) 0.02 0.07 ND ND 3-5 ctyl-Δ8-Tetrchydrocannabiol (Δ8-THC-C8) 0.06 0.06 0.06 ND ND 3-7 HC methyl ether (Δ9-MeO-THC) 1.00 ND ND ND Total THC (*HCa* 0.877 + Δ9THC Δ10THC (*HCa* 0.877 + Δ9THC+Δ10THC) ************************************		0.024	0.071	ND	ND
Δ8-Tetrahydrocannabiphorol (Δ8-THCP)	Cannabinol Acetate (CBNO)	0.014	0.043	ND	ND
Cannabiditran (CBT) 0.005 0.16 ND ND Δβ-THC-O-acetate (Δβ-THCO) 0.076 0.16 ND ND (9S)-HHCP (s-HHCP) 0.031 0.094 ND ND Δ9-THC-O-acetate (Δβ-THCO) 0.066 0.16 ND ND 9(R)-HHCP (s-HHCP) 0.026 0.079 ND ND 9(S)-HHC-O-acetate (s-HHCO) 0.005 0.16 ND ND 9(S)-HLC-O-acetate (s-HHCO) 0.007 0.00 ND ND 0.5-Ctyl-Δ8-Technydrocannabinal (Δ8-THC-C8) ND ND ND 0.5-Technyl-Δ8-Technyl-σconnabinal (Δ8-THC-C8) ND ND ND 1.5-Technyl-Δ9-Technyl-σconnabinal (Δ8-THC-C8) ND ND ND	Δ9-Tetrahydrocannabiphorol (Δ9-THCP)	0.017	0.16	0.74	7.44
Cannabiditran (CBT) 0.005 0.16 ND ND Δ8-THC-O-cectate (Δ8-THCO) 0.076 0.16 ND ND 9(S)-HHCP (s-HHCP) 0.031 0.094 ND ND Δ9-THC-O-cectate (Δ9-THCO) 0.066 0.16 ND ND 9(S)-HHCP (s-HHCP) 0.026 0.079 ND ND 9(S)-HHC-O-cectate (s-HHCO) 0.026 0.079 ND ND 9(S)-HHC-O-cectate (s-HHCO) 0.067 0.204 ND ND 3-cetyl-Δ8-Tetrahydrocannabinal (Δ8-THC-C8) 0.067 0.204 ND ND 3-cetyl-Δ8-Tetrahydrocannabinal (Δ8-THC-C9) ND ND ND 3-cetyl-Δ8-Tetrahydrocannabinal (Δ8-THC-C8) ND ND ND 3-cetyl-Δ8-Tetrahydrocannabinal (Δ8-THC-C9) ND ND ND 3-cetyl-Δ8-Tetrahydrocannabinal (Δ8-THC-C9) ND ND ND 3-cetyl-Δ8-Tetrahydrocannabinal (Δ8-THC-C8) ND ND ND 3-cetyl-Δ8-Tetrahydrocannabinal (Δ8-THC-C8) ND ND ND <	Δ8-Tetrahydrocannabiphorol (Δ8-THCP)	0.041	0.16	0.45	4.54
9(S)-HHCP (s-HHCP)	Cannabicitran (CBT)	0.005	0.16	ND	ND
Δ-7-THC-O-cectate (Δ9-THCO)	Δ8-THC-O-acetate (Δ8-THCO)	0.076	0.16	ND	ND
Δ9-THC-0-acetate (Δ9-THCO)	9(S)-HHCP (s-HHCP)	0.031	0.094	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 Δ9-THC methyl ether (Δ9-MeO-THC) ND ND Total THC (THCα * 0.877 + Δ9THC + Δ8THC + Δ10THC (THCα * 0.877 + Δ9THC + Δ8THC + Δ10THC (THCα * 0.877 + Δ9THC + Δ10THC (THCα * 0.877 + Δ10THC (Δ9-THC-O-acetate (Δ9-THCO)	0.066	0.16	ND	ND
9(S)-HHC-0-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) ND ND ND Total THC (+ THCα* 0.877 + Δ9THC) 1.18 11.79 Total THC + Δ8THC (Δ10THC) (ΣΗCα* 0.877 + Δ9THC + Δ8THC + Δ10THC) ND ND Total CBG (CBGa* 0.877 + CBG) ND ND Total CBG (CBGa* 0.877 + CBG) ND ND Total CHLC (+9-HHC) + 9s-HHC) ND ND	9(R)-HHCP (r-HHCP)	0.026	0.079	ND	ND
Δ9-THC methyl ether (Δ9-MeO-THC) Total THC (THCa * 0.877 + Δ9THC) Total THC 4 Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ10THC) Total CBD (CBDa * 0.877 + CBG) Total CBG (CBGa * 0.877 + CBG) Total CBG (CBGa * 0.877 + CBG) Total CHC (CBGa * 0.877 + CBG) Total CHC (CBGa * 0.877 + CBG) Total CHC (CBGa * 0.877 + CBG) Total CBG (CBGa * 0.877 + CBG) Total CBG (CBGa * 0.877 + CBG) Total CBG (CBGa * 0.877 + CBG)	9(S)-HHC-O-acetate (s-HHCO)	0.005	0.16	ND	ND
Δ9-THC methyl ether (Δ9-MeO-THC) Total THC (THCa * 0.877 + Δ9THC) Total THC 4 Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ10THC) Total CBD (CBDa * 0.877 + CBG) Total CBG (CBGa * 0.877 + CBG) Total CBG (CBGa * 0.877 + CBG) Total CHC (CBGa * 0.877 + CBG) Total CHC (CBGa * 0.877 + CBG) Total CHC (CBGa * 0.877 + CBG) Total CBG (CBGa * 0.877 + CBG) Total CBG (CBGa * 0.877 + CBG) Total CBG (CBGa * 0.877 + CBG)	3-octųl-Δ8-Tetrahudrocannabinol (Δ8-THC-C8)			ND	
ΤοταΙ ΤΗC (ΤΗCα * 0.877 + Δ9THC) 1.18 11.79 ΤοταΙ ΤΗC + Δ8ΤΗC + Δ10THC (ΤΗCα * 0.877 + Δ9THC + Δ9THC + Δ10THC) 71.44 714.39 ΤοταΙ CBD (CBDa * 0.877 + CBD) ND ND ΤοταΙ CBG (CBGa * 0.877 + CBG) ND ND ΤοταΙ CBG (CBGa * 0.877 + CBG) ND ND ΤοταΙ CHD (CBGa * 0.877 + CBG) ND ND ΤοταΙ CHD (OF-HHC + 9s-HHC) ND ND					
Total THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC) 71.44 714.39 Total CBD (CBDa * 0.877 + CBD) ND ND Total CBG (CBGa * 0.877 + CBG) ND ND Total HHC (9r-HHC + 9s-HHC) ND ND					
Total CBD (CBDa*0.877+CBD) ND ND Total CBG (CBGa*0.877+CBG) ND ND Total HHC (9r-HHC+9s-HHC) ND ND					
Total CBG (CBGa * 0.877 + CBG) ND ND Total HHC (9r-HHC + 9s-HHC) ND ND					
Total HHC (9r-HHC+9s-HHC) ND ND					
	Total Cannabinoids			75.13	751.27

HME - Heavy Metals Detection Analysis

Analyzed Jun 22, 2023 | Instrument ICP/MSMS | Method SOP-005

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	ND	0.5

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







Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Tue, 27 Jun 2023 09:08:07 -0700



MIBIG - Microbial Testing Analysis

Analyzed Jun 24, 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
Asperaillus niger	ND	ND per 1 gram	Asperaillus terreus	ND	ND per 1 gram

MTO - Mycotoxin Testing Analysis

Analyzed Jun 22, 2023 | Instrument LC/MSMS | Method SOP-004

Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg (ppb)	Limit ug/kg	Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg (ppb)	Limit ug/kg
Ochratoxin A	5.0	20.0	ND	20	Aflatoxin B1	2.5	5.0	ND	-
Aflatoxin B2	2.5	5.0	ND	-	Aflatoxin G1	2.5	5.0	ND	-
Aflatoxin G2	2.5	5.0	ND	-	Total Aflatoxins	10.0	20.0	ND	20

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









Authorized Signature

Brandon Starr





PES - Pesticides Screening Analysis

Analyzed Jun 22, 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	NT	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	NT	0.04
Chlorfenapyr	0.03	0.1	NT	0.03	Methyl Parathion	0.02	0.1	NT	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	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	·				

RES - Residual Solvents Testing Analysis

Analyzed Jun 22, 2023 | Instrument GC/FID with Headspace Analyzer | Method SOP-006

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Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g	Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Propane (Prop)	0.4	40.0	ND		Butane (But)	0.4	40.0	ND	
Methanol (Metha)	0.4	40.0	ND		Ethylene Oxide (EthOx)	0.4	0.8	ND	
Pentane (Pen)	0.4	40.0	ND		Ethanol (Ethan)	0.4	40.0	ND	
Ethyl Ether (EthEt)	0.4	40.0	ND		Acetone (Acet)	0.4	40.0	98.7	
Isopropanol (2-Pro)	0.4	40.0	ND		Acetonitrile (Acetonit)	0.4	40.0	<loq< td=""><td></td></loq<>	
Methylene Chloride (MetCh)	0.4	0.8	ND		Hexane (Hex)	0.4	40.0	ND	
Ethyl Acetate (EthAc)	0.4	40.0	ND		Chloroform (Clo)	0.4	0.8	ND	
Benzene (Ben)	0.4	0.8	ND		1-2-Dichloroethane (12-Dich)	0.4	0.8	ND	
Heptane (Hep)	0.4	40.0	ND		Trichloroethylene (TriClEth)	0.4	0.8	ND	
Toluene (Toluene)	0.4	40.0	<l00< td=""><td></td><td>Xylenes (Xyl)</td><td>0.4</td><td>40.0</td><td>ND</td><td></td></l00<>		Xylenes (Xyl)	0.4	40.0	ND	

FVI - Filth & Foreign Material Inspection Analysis

Analyzed Jun 21, 2023 | Instrument Microscope | Method SOP-010

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

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









Authorized Signature

Brandon Starr, Lab Manager Tue, 27 Jun 2023 09:08:07-0700



