



**Report Number:** 22-013665/D008.R000

**Report Date:** 11/10/2022 **ORELAP#:** OR100028

**Purchase Order:** 

**Received:** 11/07/22 11:59

Customer: IHC LLC

**Product identity:** Sour Hawaiian - D8 Flower

Client/Metrc ID:

**Laboratory ID:** 22-013665-0003

# **Summary**

Potency: Result (%) **Analyte CBD-Total** 14.3% Δ8-THC 20.6 Δ8-THC OBD-A CBD-A 8.31 CBD CBD 7.04 THC-Total <LOQ CBG-A CBG-A 0.442 CBG CBG 0.0625 (Reported in percent of total sample) CBT CBT 0.0620 CBDV-A CBDV-A 0.0512 CBDV CBDV 0.0355 CBC-A CBC-A 0.0309





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Customer: IHC LLC

825 NW 16th Ave Portland Oregon 97209 United States of America (USA)

Sour Hawaiian - D8 Flower

Client/Metrc ID: .

Sample Date:

Product identity:

**Laboratory ID:** 22-013665-0003

Evidence of Cooling: No
Temp: 20.9 °C
Relinquished by: client

# **Sample Results**

Potency	Method: J AOAC 20	15 V98-6 (mod)	Units %	Batch: 2209627	<b>Analyze:</b> 11/9/22	7:46:00 AM
Analyte	As Dry		Notes			
000	Received weigh	-				<ul><li>Δ8-THC</li></ul>
CBC	< LOQ	0.0293				CBD-A
CBC-A	0.0309	0.0293				CBD
CBC-Total	< LOQ	0.0549				O CBG-A
CBD	7.04	0.0293		7		• CBG
CBD-A	8.31	0.0293				<ul><li>CBT</li><li>CBDV-A</li></ul>
CBD-Total	14.3	0.0549				CBDV-A     CBDV
CBDV	0.0355	0.0293				CBC-A
CBDV-A	0.0512	0.0293				
CBDV-Total	0.0799	0.0546				
CBE	< LOQ	0.0293				
CBG	0.0625	0.0293				
CBG-A	0.442	0.0293				
CBG-Total	0.451	0.0546				
CBL	< LOQ	0.0293				
CBL-A	< LOQ	0.0293				
CBL-Total	< LOQ	0.0549				
CBN	< LOQ	0.0293				
CBT	0.0620	0.0293				
$\Delta 10$ -THC	< LOQ	0.0293				
Δ8-THC	20.6	0.293				
Δ8-THCV	< LOQ	0.0293				
Δ9-THC	< LOQ	0.0293				
exo-THC	< LOQ	0.0293				
THC-A	< LOQ	0.0293				
THC-Total	< LOQ	0.0549				
THCV	< LOQ	0.0293				
THCV-A	< LOQ	0.0293				
THCV-Total	< LOQ	0.0546				
Total Cannabinoids	36.6					





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These test results are representative of the individual sample selected and submitted by the client.

### **Abbreviations**

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220, CCR title 16-division 42. BCC-section 5723

**Limit(s) of Quantitation (LOQ):** The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

p = ISO/IEC 17025:2017 accredited method.

#### Units of Measure

% = Percentage of sample % wt =  $\mu$ g/g divided by 10,000

Approved Signatory

Derrick Tanner General Manager





Report Number: 2

22-013665/D008.R000

Report Date:

11/10/2022

ORELAP#:

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11/07/22 11:59



# Hemp / Cannabis Usable / Extract / Finished Products Chain of Custody Record

Revision: 4.00 Controls: 0F029 Rev 02/24/2021 Eft: 08/04/2021 ORELAP D: ORED0028 27-1013665

	JANA CERALI ASCARDA						- 3	males	is Req	Lieste	d				24	1 Khambari	
20 00 00	Ine Hemp Collect contact: kyle@thehempcol cont	U⊭ <sub>Zqx</sub> !	97209	ORSS compounds	esticide Multi-Residae - 379 compounds		Solveros	ostare & Weier Activity		dance Venez and Modd	Nerso, E. Coli and Total Cultions	cats	100	HHC Btong	Project Proj Custom F Report to	t Number   lest Name   Seporting   o State -     t nd State	ACTRC or CL Other: 5 Quainess Day Standard Turnsround 2 Quainess Day Standard Turnsround* 3 - 4 2 Quainess Day Rash Turnsround* Q-4 3 (Institute of the Committee of the Committ
20	Client Sample Hentification Sour Hawaiian - D6 Flo		Time	Petticide	Pesticide	Patency	Residual	Montare	Timpeces	Marco V	Meso: E.	Secury 14	Myconomiss	Other: }	Sample: Type ?	Weight (Units)	Concerts/Metro 10 Samples #1-#4: Alternate
	Sour Suver - D8 Flowe	10.000							x						V		Client name: Koi CBD
	Sour Hawaiian - D8 Flo	16W				x	-								V		Samples #3-#9: Alternate
	Sour Suver - D8 Flowe	г				X									37		client name: Zar Wellness
	Bubba Kush - D8 Flows	r				×									Ý		<b>★</b> CE-2588
Г	Sour Litter - D8 Flower					×						-			V		
_	Pineapple Kush - D8 FI	ower				×									V		1
F	SWEET TOWN - MOONTOCKS					×								X	CN		
0	LOW YOR BORNAHE M		115			×								×	C/V		
	Relinquithed By:	Date	Time			- 4	orved	Đ¢			Di	éa:	n	THE			tall-Use Gely:
lo	el Thompson	11.07	4:00 Pf			(3)	SE				11/	7	ÿI,	59	Evidence Sample le D Cash J	of couring I guad condit	or SiGhert drop I Yes   Side - Terep (*C): 20 °L I oro G Yes   C Ner I OCC   C Nert

! - Sample Type Codes: Vegetation (V) ; isolates (S) ; Extract/Concentrate (C) ; Tincture/Topical (T) ; Edible (C) ; Beverage (E)

Simples refreshed to Critical to Laboratories with entiry reprintment constitute an agreement for exercising with discovered state of service constituted with ECCC By signing. Purillips of the reverse EAX29 M2 Well-based CRESS Print (Fig. 1) Fig. 1 Fig.





22-013665/D008.R000 **Report Number:** 

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Received: 11/07/22 11:59

Revision: 1 Document ID: 7148 Legacy ID: Worksheet Validated 04/20/2021

			La	poratory	Quality Co				
JAOAC2015 V9					В	atch ID: 2	209627		
_aboratory Contr									
Analyte	LCS	Result	Spike	Units	%Rec	Li	imits	Evaluation	Notes
CBDVA	2	0.0370	0.034	%	110	80.0	- 120	Acceptable	
CBDV	2	0.0373	0.037	%	102	80.0	- 120	Acceptable	
BE	2	0.0367	0.034	%	108	80.0	- 120	Acceptable	
CBDA	1	0.0315	0.032	%	98.0	90.0	- 110	Acceptable	
BGA	1	0.0305	0.032	%	95.9	80.0	- 120	Acceptable	
CBG	1	0.0332	0.034	%	98.4	80.0	- 120	Acceptable	
CBD	1	0.0347	0.033	%	106	90.0	- 110	Acceptable	
THCV	2	0.0374	0.035	%	106	80.0	- 120	Acceptable	
18THCV	2	0.0376	0.035	%	106	80.0	- 120	Acceptable	
HCVA	2	0.0329	0.033	%	100	80.0	- 120	Acceptable	
BN	1	0.0351	0.035	%	101	90.0	- 110	Acceptable	
xo-THC	2	0.0390	0.034	%	113	80.0	- 120	Acceptable	
19THC	1	0.0360	0.034	%	105	90.0	- 110	Acceptable	
BTHC	1	0.0333	0.035	%	96.4	90.0	- 110	Acceptable	
CBL	2	0.0358	0.032	%	111	80.0	- 120	Acceptable	
110THC	1	0.0303	0.030	%	99.3	80.0	- 120	Acceptable	
CBC	2	0.0376	0.036	%	105	80.0	- 120	Acceptable	
ГНСА	1	0.0310	0.032	%	96.4	90.0	- 110	Acceptable	
CBCA	2	0.0348	0.034	%	101	80.0	- 120	Acceptable	
CBLA	2	0.0361	0.035	%	104	80.0	- 120	Acceptable	
CBT	2	0.0367	0.036	%	102	80.0	- 120	Acceptable	
Method Blank	•	•	•			•			•
Analyte	F	Result	LOQ		Units	Li	imits	Evaluation	Notes
BDVA		LOQ.	0.03		%	< 0.		Acceptable	
BDV	·	LOQ	0.03		%	< 0.	.03	Acceptable	
CBE	·	LOQ	0.03		%	< 0.	.03	Acceptable	
BDA	-	LOQ	0.03		%	< 0.	.03	Acceptable	
CBC V		100	0.03		9/	۷.0	U3	Accontable	

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<loq< td=""><td>0.03</td><td>%</td><td>&lt; 0.03</td><td>Acceptable</td><td></td></loq<>	0.03	%	< 0.03	Acceptable	
CBDV	<loq< td=""><td>0.03</td><td>%</td><td>&lt; 0.03</td><td>Acceptable</td><td></td></loq<>	0.03	%	< 0.03	Acceptable	
CBE	<loq< td=""><td>0.03</td><td>%</td><td>&lt; 0.03</td><td>Acceptable</td><td></td></loq<>	0.03	%	< 0.03	Acceptable	
CBDA	<loq< td=""><td>0.03</td><td>%</td><td>&lt; 0.03</td><td>Acceptable</td><td></td></loq<>	0.03	%	< 0.03	Acceptable	
CBGA	<loq< td=""><td>0.03</td><td>%</td><td>&lt; 0.03</td><td>Acceptable</td><td></td></loq<>	0.03	%	< 0.03	Acceptable	
CBG	<loq< td=""><td>0.03</td><td>%</td><td>&lt; 0.03</td><td>Acceptable</td><td></td></loq<>	0.03	%	< 0.03	Acceptable	
CBD	<loq< td=""><td>0.03</td><td>%</td><td>&lt; 0.03</td><td>Acceptable</td><td></td></loq<>	0.03	%	< 0.03	Acceptable	
THCV	<loq< td=""><td>0.03</td><td>%</td><td>&lt; 0.03</td><td>Acceptable</td><td></td></loq<>	0.03	%	< 0.03	Acceptable	
d8THCV	<loq< td=""><td>0.03</td><td>%</td><td>&lt; 0.03</td><td>Acceptable</td><td></td></loq<>	0.03	%	< 0.03	Acceptable	
THCVA	<loq< td=""><td>0.03</td><td>%</td><td>&lt; 0.03</td><td>Acceptable</td><td></td></loq<>	0.03	%	< 0.03	Acceptable	
CBN	<loq< td=""><td>0.03</td><td>%</td><td>&lt; 0.03</td><td>Acceptable</td><td></td></loq<>	0.03	%	< 0.03	Acceptable	
exo-THC	<loq< td=""><td>0.03</td><td>%</td><td>&lt; 0.03</td><td>Acceptable</td><td></td></loq<>	0.03	%	< 0.03	Acceptable	
d9THC	<loq< td=""><td>0.03</td><td>%</td><td>&lt; 0.03</td><td>Acceptable</td><td></td></loq<>	0.03	%	< 0.03	Acceptable	
d8THC	<loq< td=""><td>0.03</td><td>%</td><td>&lt; 0.03</td><td>Acceptable</td><td></td></loq<>	0.03	%	< 0.03	Acceptable	
CBL	<loq< td=""><td>0.03</td><td>%</td><td>&lt; 0.03</td><td>Acceptable</td><td></td></loq<>	0.03	%	< 0.03	Acceptable	
d10THC	<loq< td=""><td>0.03</td><td>%</td><td>&lt; 0.03</td><td>Acceptable</td><td></td></loq<>	0.03	%	< 0.03	Acceptable	
CBC	<loq< td=""><td>0.03</td><td>%</td><td>&lt; 0.03</td><td>Acceptable</td><td></td></loq<>	0.03	%	< 0.03	Acceptable	
THCA	<loq< td=""><td>0.03</td><td>%</td><td>&lt; 0.03</td><td>Acceptable</td><td></td></loq<>	0.03	%	< 0.03	Acceptable	
CBCA	<loq< td=""><td>0.03</td><td>%</td><td>&lt; 0.03</td><td>Acceptable</td><td></td></loq<>	0.03	%	< 0.03	Acceptable	
CBLA	<loq< td=""><td>0.03</td><td>%</td><td>&lt; 0.03</td><td>Acceptable</td><td></td></loq<>	0.03	%	< 0.03	Acceptable	
CBT	<loq< td=""><td>0.03</td><td>%</td><td>&lt; 0.03</td><td>Acceptable</td><td></td></loq<>	0.03	%	< 0.03	Acceptable	

ND - None Detected at or above MRL RPD - Relative Percent Difference LOQ - Limit of Quantitation

Units of Measure: % - Percent





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Revision: 1 Document ID: 7148 Legacy ID: Worksheet Validated 04/20/2021

#### Laboratory Quality Control Results

JAOAC2015 V986						atch ID: 2209627		
Sample Duplicate					San	nple ID: 22-013598		-
Analyte	Result	Org. Reult	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<loq< td=""><td>0.0304</td><td>0.03</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.0304	0.03	%	NA	< 20	Acceptable	
CBDV	<loq< td=""><td><loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.03	%	NA	< 20	Acceptable	
CBE	<loq< td=""><td><loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.03	%	NA	< 20	Acceptable	
CBDA	12.4	13.3	0.03	%	6.51	< 20	Acceptable	
CBGA	0.232	0.271	0.03	%	15.7	< 20	Acceptable	
CBG	0.0442	0.0402	0.03	%	9.43	< 20	Acceptable	
CBD	0.831	0.889	0.03	%	6.77	< 20	Acceptable	
THCV	<loq< td=""><td><loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.03	%	NA	< 20	Acceptable	
d8THCV	<loq< td=""><td><loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.03	%	NA	< 20	Acceptable	
THCVA	<loq< td=""><td><loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.03	%	NA	< 20	Acceptable	
CBN	<loq< td=""><td><loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.03	%	NA	< 20	Acceptable	
exo-THC	<loq< td=""><td><loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.03	%	NA	< 20	Acceptable	
d9THC	<loq< td=""><td><loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.03	%	NA	< 20	Acceptable	
d8THC	1.16	1.19	0.03	%	3.01	< 20	Acceptable	
CBL	<loq< td=""><td><loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.03	%	NA	< 20	Acceptable	
d10THC	<loq< td=""><td><loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.03	%	NA	< 20	Acceptable	
CBC	0.0644	0.0704	0.03	%	8.98	< 20	Acceptable	
THCA	0.486	0.510	0.03	%	4.85	< 20	Acceptable	
CBCA	0.564	0.591	0.03	%	4.68	< 20	Acceptable	
CBLA	<loq< td=""><td><loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.03	%	NA	< 20	Acceptable	
CBT	<loq< td=""><td><loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.03</td><td>%</td><td>NA</td><td>&lt; 20</td><td>Acceptable</td><td></td></loq<>	0.03	%	NA	< 20	Acceptable	

ND - None Detected at or above MRL RPD - Relative Percent Difference

LOQ - Limit of Quantitation

Units of Measure:





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## Explanation of QC Flag Comments:

Code	Explanation
Q	Matrix interferences affecting spike or surrogate recoveries.
Q1	Quality control result biased high. Only non-detect samples reported.
Q2	Quality control outside QC limits. Data considered estimate.
Q3	Sample concentration greater than four times the amount spiked.
Q4	Non-homogenous sample matrix, affecting RPD result and/or % recoveries.
Q5	Spike results above calibration curve.
Q6	Quality control outside QC limits. Data acceptable based on remaining QC.
R	Relative percent difference (RPD) outside control limit.
R1	RPD non-calculable, as sample or duplicate results are less than five times the LOQ.
R2	Sample replicates RPD non-calculable, as only one replicate is within the analytical range.
LOQ1	Quantitation level raised due to low sample volume and/or dilution.
LOQ2	Quantitaion level raised due to matrix interference.
В	Analyte detected in method blank, but not in associated samples.
B1	The sample concentration is greater than 5 times the blank concentration.
B2	The sample concentration is less than 5 times the blank concentration.

### 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 ID SD230329-008 (71349)		Matrix Concentrate (Inhalable Cannabis Good)
Tested for The Hemp Collect		
Sampled -	Received Mar 28, 2023	Reported Apr 05, 2023
Analyses executed CAN+ RES MIR	RIG MTO DES HME EVI	

Laboratory note: The estimated concentration of the unknown peak in the sample is 6.60% | 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 is o 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 94.56%.

#### CAN+ - Cannabinoids Analysis

Analyzed Apr 04, 2023 | Instrument HPLC-VWD | Method SOP-001

The expanded Uncertainty of the Cannabinoid analysis is approximately **3.806**% at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result	Result mg/g
Cannabidivarin (CBDV)	0.039	0.16	ND	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
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND
Cannabinol (CBN)	0.001	0.16	ND	ND
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	UI	UI
$\Delta$ 8-tetrahydrocannabinol ( $\Delta$ 8-THC)	0.004	0.16	94.56	945.60
Cannabicyclol (CBL)	0.002	0.16	ND	ND
Cannabichromene (CBC)	0.002	0.16	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND
Total THC ( THCa * 0.877 + Δ9THC )			ND	ND
Total THC + Δ8THC ( THCa * 0.877 + Δ9THC + Δ8THC )			94.56	945.60
Total CBD (CBDa * 0.877 + CBD )			ND	ND
Total CBG ( CBGa * 0.877 + CBG )			ND	ND
Total Cannabinoids			94.56	945.60

### **HME - Heavy Metals Detection Analysis**

Analyzed Apr 04, 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	ND	0.5

### MIBIG - Microbial Testing Analysis

Analyzed Mar 31, 2023 | Instrument qPCR and/or Plating | Method SOP-007

Analyzed rial bi, 2025   motionient quarteria, or rialing	11100100001				
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
Acporaillus pigor	ND	ND por 1 gram	Asparaillus torrous	ND	ND por 1 gram

### MTO - Mycotoxin Testing Analysis

Analyzed Apr 04, 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
JULOL 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 Wed, 05 Apr 2023 10:13:00 -0700



## PES - Pesticides Screening Analysis

Analyzed Apr 04, 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 Apr 04, 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	ND	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	Xulenes (Xul)	0.4	40.0	ND	2170.0

## FVI - Filth & Foreign Material Inspection Analysis

Analyzed Mar 30, 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
»ULOL Above upper limit of linearity
CFU/g Colony Forming Units per 1 gram
TNTC Too Numerous to Count







Authorized Signature

Brandon Stark



