



23-000990/D007.R000 **Report Number:**

Report Date: 01/30/2023 ORELAP#: OR100028

Purchase Order:

01/24/23 14:10 Received:

Customer: IHC LLC

Product identity: Live D8 SFT- AT

Client/Metrc ID:

Laboratory ID: 23-000990-0003

Summary

Potency:

Analyte per 0.6g	Result	Limits	Units	Status	CBD-Total per Serving Size 5.05 mg/0.6g
CBC-A per 0.6g	0.262		mg/0.6g		
CBD per 0.6g	0.225		mg/0.6g		
CBD-A per 0.6g	5.50		mg/0.6g		THC-Total per Serving Size 0.153 mg/0.6g
CBDV-A per 0.6g	0.137		mg/0.6g		(Reported in milligrams per serving)
CBT per 0.6g	0.0540		mg/0.6g		(Reported in milligrams per serving)
∆8-THCV per 0.6g	0.136		mg/0.6g		
∆8-THC per 0.6g	24.9		mg/0.6g		
THC-A per 0.6g	0.174		mg/0.6g		





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Customer: IHC LLC

825 NW 16th Ave Portland Oregon 97209

United States of America (USA)

Product identity: Live D8 SFT- AT

Client/Metrc ID:

Sample Date:

Laboratory ID: 23-000990-0003

Evidence of Cooling: No
Temp: 17.3
Relinquished by: ramos
Serving Size #1: 0.6 g



Sample Results

Potency per 0.6g	Method: J AOAC 2015 \	/98-6 (mod) ^þ	Units mg/se Bat	tch: 2300841	Analyze: 1/27/23 5:16:00 AM
Analyte	Result	Limits	Units	LOQ	Notes
CBC per 0.6g	< LOQ		mg/0.6g	0.0194	
CBC-A per 0.6g	0.262		mg/0.6g	0.0194	
CBC-Total per 0.6g	0.230		mg/0.6g	0.0364	
CBD per 0.6g	0.225		mg/0.6g	0.0194	
CBD-A per 0.6g	5.50		mg/0.6g	0.0194	
CBD-Total per 0.6g	5.05		mg/0.6g	0.0364	
CBDV per 0.6g	< LOQ		mg/0.6g	0.0194	
CBDV-A per 0.6g	0.137		mg/0.6g	0.0194	
CBDV-Total per 0.6g	0.136		mg/0.6g	0.0362	
CBE per 0.6g	< LOQ		mg/0.6g	0.0194	
CBG per 0.6g	< LOQ		mg/0.6g	0.0194	
CBG-A per 0.6g	< LOQ		mg/0.6g	0.0194	
CBG-Total per 0.6g	< LOQ		mg/0.6g	0.0362	
CBL per 0.6g	< LOQ		mg/0.6g	0.0194	
CBL-A per 0.6g	< LOQ		mg/0.6g	0.0194	
CBL-Total per 0.6g	< LOQ		mg/0.6g	0.0364	
CBN per 0.6g	< LOQ		mg/0.6g	0.0194	
CBT per 0.6g	0.0540		mg/0.6g	0.0194	
$\Delta 8$ -THCV per 0.6g	0.136		mg/0.6g	0.0194	
$\Delta 10$ -THC-9R per 0.6g	< LOQ		mg/0.6g	0.0194	
$\Delta 10$ -THC-9S per 0.6g	< LOQ		mg/0.6g	0.0194	
$\Delta 8$ -THC per 0.6g	24.9		mg/0.6g	0.194	
Δ9-THC per 0.6g	< LOQ		mg/0.6g	0.0194	
exo-THC per 0.6g	< LOQ		mg/0.6g	0.0194	
THC-A per 0.6g	0.174		mg/0.6g	0.0194	
THC-Total per 0.6g	0.153		mg/0.6g	0.0364	
THCV per 0.6g	< LOQ		mg/0.6g	0.0194	
THCV-A per 0.6g	< LOQ		mg/0.6g	0.0194	
THCV-Total per 0.6g	< LOQ		mg/0.6g	0.0365	
Total Cannabinoids per 0.6	ig 31.4		mg/0.6g		
					Dogo 2 of 0

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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.

b = ISO/IEC 17025:2017 accredited method.

Units of Measure

g = g mg/0.6g = Milligram per 0.6g % = Percentage of sample % wt = μg/g divided by 10,000

Approved Signatory

Derrick Tanner General Manager



olumbia

12423 NE Whitaker Way Portland, OR 97230 503-254-1794



Hemp / Cannabis Usable / Extract / Finished Products

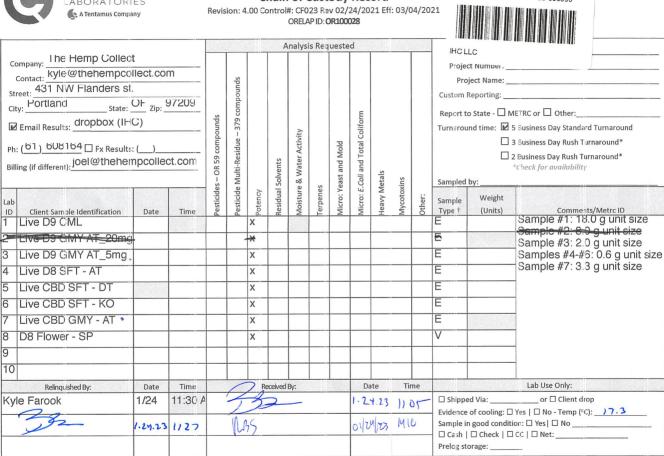
Chain of Custody Record

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

Samples submitted to Columbia Laboratories with testing requirements constitute an agreement for services in accordance with the current terms of service associated with this COC. By signing 'Relinquished by' you are agreeing to these terms 12423 NE Whitaker Way

P: [503] 254-1794 | Fax: [503] 254-1452

Portland, OR 97230

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www.columbialaboratories.com





23-000990/D007.R000 **Report Number:**

Report Date: 01/30/2023 ORELAP#: OR100028

Purchase Order:

Received: 01/24/23 14:10

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

Laboratory Quality Control Results

J AOAC 2015 V98-6	2015 V98-6 Batch ID: 2300841								
Laboratory Control Sample									
Analyte	LCS	Result	Spike	Units	% Rec	Limits		Evaluation	Notes
CBDVA	2	0.0341	0.033	%	102	80.0 -	120	Acceptable	
CBDV	2	0.0361	0.035	%	102	80.0 -	120	Acceptable	
CBE	2	0.0356	0.035	%	102	80.0 -	120	Acceptable	
CBDA	1	0.0328	0.032	%	102	90.0 -	110	Acceptable	
CBGA	1	0.0332	0.032	%	104	80.0 -	120	Acceptable	
CBG	1	0.0343	0.033	%	104	80.0 -	120	Acceptable	
CBD	1	0.0328	0.032	%	101	90.0 -	110	Acceptable	
THCV	2	0.0360	0.035	%	102	80.0 -	120	Acceptable	
d8THCV	2	0.0352	0.034	%	102	80.0 -	120	Acceptable	
THCVA	2	0.0335	0.033	%	101	80.0 -	120	Acceptable	
CBN	1	0.0353	0.034	%	104	80.0 -	120	Acceptable	
exo-THC	2	0.0330	0.032	%	102	80.0 -	120	Acceptable	
d9THC	1	0.0365	0.035	%	105	90.0 -	110	Acceptable	
d8THC	1	0.0320	0.033	%	95.4	90.0 -	110	Acceptable	
9S-d10THC	1	0.0176	0.015	%	117	80.0 -	120	Acceptable	
CBL	2	0.0326	0.035	%	94.2	90.0 -	110	Acceptable	
9R-d10THC	1	0.0159	0.016	%	101	80.0 -	120	Acceptable	
CBC	2	0.0353	0.035	%	102	80.0 -	120	Acceptable	
THCA	1	0.0326	0.032	%	103	80.0 -	120	Acceptable	
CBCA	2	0.0344	0.034	%	100	80.0 -	120	Acceptable	
CBLA	2	0.0355	0.035	%	102	90.0 -	110	Acceptable	
CBT	2	0.0348	0.035	%	99.1	80.0 -	120	Acceptable	
Method Blank		•				•			

Method Blank						
Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBDV	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBE	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBDA	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBGA	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBG	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBD	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
THCV	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
d8THCV	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
THCVA	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBN	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
exo-THC	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
d9THC	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
d8THC	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
9S-d10THC	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBL	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
9R-d10THC	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBC	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
THCA	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBCA	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBLA	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	
CBT	<loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<>	0.003	%	< 0.003	Acceptable	

Abbreviations

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

Units of Measure: % - Percent





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

Laboratory Quality Control Results

J AOAC 2015 V98-6	Batch ID: 2300841								
Sample Duplicate		Sample ID: 23-000937-0001							
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes	
CBDVA	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable		
CBDV	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable		
CBE	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable		
CBDA	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable		
CBGA	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable		
CBG	0.0443	0.0440	0.003	%	0.690	< 20	Acceptable		
CBD	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable		
THCV	0.0053	0.0053	0.003	%	1.06	< 20	Acceptable		
d8THCV	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable		
THCVA	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable		
CBN	0.0218	0.0217	0.003	%	0.278	< 20	Acceptable		
exo-THC	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable		
d9THC	1.18	1.17	0.003	%	1.08	< 20	Acceptable		
d8THC	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable		
9S-d10THC	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable		
CBL	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable		
9R-d10THC	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable		
CBC	0.0147	0.0147	0.003	%	0.232	< 20	Acceptable		
THCA	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable		
CBCA	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable		
CBLA	<loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<>	<loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<>	0.003	%	NA	< 20	Acceptable		
CBT	0.0051	0.0050	0.003	%	1.83	< 20	Acceptable		

Abbreviations

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

Units of Measure:

% - Percent





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Purchase Order:

01/24/23 14:10 Received:

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.