Columbia LABORATORIES
A Tentamus Company

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

Customer: Entourage Organics Inc
Product identity: Coast HHC 1 g Pre-roll Pineapple Express
Client/Metrc ID: .
Laboratory ID: 23-012537-0010

Summary

Potency:

Analyte	Result (%)
HHC (9R-Hexahydrocannabinol)	7.49
CBD-A	4.20
HHC (9S-Hexahydrocannabinol)	3.29
CBD	1.50
CBG-A	1.07
CBG	0.214
Δ9-THC	0.113
THC-A	0.0633

- HHC (9R-Hexahydrocannabinol)
- CBD-A
- HHC (9S-Hexahydrocannabinol)
- CBD
- CBG-A
- CBG
- Δ9-THC
- THC-A

CBD-Total	5.18%
THC-Total	0.169%

(Reported in percent of total sample)

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REPORT NUMBER: 23-012537/D004.R000
Report Date: 10/25/2023
ORELAP#: OR100028
Purchase Order:
Received: 10/20/23 11:04

Customer:	Entourage Organics Inc United States of America (USA)
Product identity:	Coast HHC 1 g Pre-roll Pineapple Express
Client/Metrc ID:	.
Sample Date:	
Laboratory ID:	23-012537-0010
Evidence of Cooling:	No
Temp:	21.1
Relinquished by:	ups

Sample Results

Potency	**Method:** J AOAC 2015 V98-6 (mod)ᵇ			**Units** %	**Batch:** 2312129	**Analyze:** 10/23/23 10:55:00 P
Analyte	**As Received**	**Dry weight**	**LOQ**	**Notes**		
CBD	1.50		0.0298			
CBD-A	4.20		0.0298			
CBD-Total	5.18		0.0559			
CBG	0.214		0.0298			
CBG-A	1.07		0.0298			
CBG-Total	1.15		0.0556			
CBN	< LOQ		0.0298			
Δ10-THC-9R	< LOQ		0.0298			
Δ10-THC-9S	< LOQ		0.0298			
Δ10-THC-Total	< LOQ		0.0595			
Δ8-THC	< LOQ		0.0298			
Δ9-THC	0.113		0.0298			
HHC (9R-Hexahydrocannabinol)	7.49		0.0298			
HHC (9S-Hexahydrocannabinol)	3.29		0.0298			
THC-A	0.0633		0.0298			
THC-O-Acetate, delta-8	< LOQ		0.0298			
THC-O-Acetate, delta-9	< LOQ		0.0298			
THC-Total	0.169		0.0559			
Total Cannabinoids	17.9					

- HHC (9R-Hexahydrocannabinol)
- CBD-A
- HHC (9S-Hexahydrocannabinol)
- CBD
- CBG-A
- CBG
- Δ9-THC
- THC-A

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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.

♭ = ISO/IEC 17025:2017 accredited method.

Units of Measure

% = Percentage of sample

% wt = µg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager

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Revision: 4 Document ID: 7148
Legacy ID: Worksheet Validated 04/20/2021

Laboratory Quality Control Results

| J AOAC 2015 V98-6 | | | | | | Batch ID: 2312129 | | | | |

Laboratory Control Sample

Analyte	LCS	Result	Spike	Units	% Rec	Limits			Evaluation	Notes
CBDA	1	0.0294	0.0293	%	100	90.0	-	110	Acceptable	
CBGA	1	0.0299	0.0299	%	99.8	80.0	-	120	Acceptable	
CBG	1	0.0337	0.0334	%	101	80.0	-	120	Acceptable	
CBD	1	0.0293	0.0285	%	103	90.0	-	110	Acceptable	
CBN	1	0.0302	0.0299	%	101	80.0	-	120	Acceptable	
d9THC	1	0.0353	0.0332	%	106	90.0	-	110	Acceptable	
d8THC	1	0.0320	0.0309	%	104	90.0	-	110	Acceptable	
9S-d10THC	1	0.0307	0.0306	%	100	80.0	-	120	Acceptable	
9S-HHC	3	0.0268	0.0266	%	101	80.0	-	120	Acceptable	
9R-d10THC	1	0.0307	0.0306	%	101	80.0	-	120	Acceptable	
9R-HHC	3	0.0831	0.0802	%	104	80.0	-	120	Acceptable	
THCA	1	0.0304	0.0306	%	99.2	90.0	-	110	Acceptable	
d8THCO	3	0.0328	0.0304	%	108	80.0	-	120	Acceptable	
d9THCO	3	0.0310	0.0299	%	104	80.0	-	120	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDA	<LOQ	0.0297	%	< 0.0297	Acceptable	
CBGA	<LOQ	0.0297	%	< 0.0297	Acceptable	
CBG	<LOQ	0.0297	%	< 0.0297	Acceptable	
CBD	<LOQ	0.0297	%	< 0.0297	Acceptable	
CBN	<LOQ	0.0297	%	< 0.0297	Acceptable	
d9THC	<LOQ	0.0297	%	< 0.0297	Acceptable	
d8THC	<LOQ	0.0297	%	< 0.0297	Acceptable	
9S-d10THC	<LOQ	0.0297	%	< 0.0297	Acceptable	
9S-HHC	<LOQ	0.0297	%	< 0.0297	Acceptable	
9R-d10THC	<LOQ	0.0297	%	< 0.0297	Acceptable	
9R-HHC	<LOQ	0.0297	%	< 0.0297	Acceptable	
THCA	<LOQ	0.0297	%	< 0.0297	Acceptable	
d8THCO	<LOQ	0.0297	%	< 0.0297	Acceptable	
d9THCO	<LOQ	0.0297	%	< 0.0297	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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Laboratory Quality Control Results

J AOAC 2015 V98-6 — **Batch ID: 2312129**

Sample Duplicate — Sample ID: **23-012524-0001**

Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDA	0.0551	0.0569	0.0293	%	3.19	< 20	Acceptable	
CBGA	6.37	6.39	0.0293	%	0.324	< 20	Acceptable	
CBG	0.669	0.671	0.0293	%	0.184	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.0293	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.0293	%	NA	< 20	Acceptable	
d9THC	0.140	0.142	0.0293	%	1.50	< 20	Acceptable	
d8THC	<LOQ	<LOQ	0.0293	%	NA	< 20	Acceptable	
9S-d10THC	<LOQ	<LOQ	0.0293	%	NA	< 20	Acceptable	
9S-HHC	<LOQ	<LOQ	0.0293	%	NA	< 20	Acceptable	
9R-d10THC	<LOQ	<LOQ	0.0293	%	NA	< 20	Acceptable	
9R-HHC	<LOQ	<LOQ	0.0293	%	NA	< 20	Acceptable	
THCA	11.8	11.9	0.0293	%	0.899	< 20	Acceptable	
d8THCO	<LOQ	<LOQ	0.0293	%	NA	< 20	Acceptable	
d9THCO	<LOQ	<LOQ	0.0293	%	NA	< 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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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.
B	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.