



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



Report Number: 21-003065/D05.R00
Report Date: 03/29/2021
ORELAP#: OR100028
Purchase Order:
Received: 03/23/21 10:25

Customer: Formula 787
Product identity: D8 Hawaiian Haze #03192102
Client/Metric ID: .
Laboratory ID: 21-003065-0004

Sample Date: 03/22/21 09:30

Summary

Potency:

Analyte	Result (%)		
Δ8-THC†	61.0		CBD-Total 15.4%
CBD	15.4		THC-Total <LOQ
CBC	3.34		(Reported in percent of total sample)
CBN	1.26		
CBG†	0.766		
CBDV†	0.181		



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Customer:

Product identity:

Client/Metric ID:

Sample Date: 03/22/21 09:30

Laboratory ID: 21-003065-0004

Evidence of Cooling: No

Temp: 18.8 °C

Sample Results

Potency	Method J AOAC 2015 V98-6 (mod)			Units %	Batch: 2102754	Analyze: 3/27/21 7:10:00 AM
Analyte	As Received	Dry weight	LOQ	Notes		
CBC	3.34		0.0926			
CBC-A†	< LOQ		0.0926			
CBC-Total†	3.34		0.174			
CBD	15.4		0.0926			
CBD-A	< LOQ		0.0926			
CBD-Total	15.4		0.174			
CBDV†	0.181		0.0926			
CBDV-A†	< LOQ		0.0926			
CBDV-Total†	0.181		0.173			
CBG†	0.766		0.0926			
CBG-A†	< LOQ		0.0926			
CBG-Total	0.766		0.173			
CBL†	< LOQ		0.0926			
CBN	1.26		0.0926			
Δ8-THC†	61.0		0.926			
Δ9-THC	< LOQ		0.0926			
THC-A	< LOQ		0.0926			
THC-Total	< LOQ		0.174			
THCV†	< LOQ		0.0926			
THCV-A†	< LOQ		0.0926			
THCV-Total†	< LOQ		0.173			



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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

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.

† = Analyte not NELAP accredited.

Units of Measure

% = Percentage of sample

% wt = $\mu\text{g/g}$ divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



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Revision #: 0.00 Control : CFL-D06
 Revision Date: 05/31/2019 Effective Date: 05/31/2019

Laboratory Quality Control Results

J AOAC 2015 V98-6 **Batch ID: 2102754**

Laboratory Control Sample

Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes
CBDV-A	0.199	0.2	%	99.4	85.0 - 115	Acceptable	
CBDV	0.205	0.2	%	102	85.0 - 115	Acceptable	
CBD-A	0.205	0.2	%	103	85.0 - 115	Acceptable	
CBG-A	0.196	0.2	%	98.2	85.0 - 115	Acceptable	
CBG	0.206	0.2	%	103	85.0 - 115	Acceptable	
CBD	0.212	0.2	%	106	85.0 - 115	Acceptable	
THCV	0.199	0.2	%	99.3	85.0 - 115	Acceptable	
THCVA	0.190	0.2	%	95.1	85.0 - 115	Acceptable	
CBN	0.211	0.2	%	105	85.0 - 115	Acceptable	
THC	0.223	0.2	%	112	85.0 - 115	Acceptable	
D8THC	0.175	0.2	%	87.4	85.0 - 115	Acceptable	
CBL	0.220	0.2	%	110	85.0 - 115	Acceptable	
CBC	0.188	0.2	%	94.0	85.0 - 115	Acceptable	
THCA	0.200	0.2	%	100	85.0 - 115	Acceptable	
CBCA	0.182	0.2	%	91.2	85.0 - 115	Acceptable	

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDV-A	<LOQ	0.1	%	< 0.1	Acceptable	
CBDV	<LOQ	0.1	%	< 0.1	Acceptable	
CBD-A	<LOQ	0.1	%	< 0.1	Acceptable	
CBG-A	<LOQ	0.1	%	< 0.1	Acceptable	
CBG	<LOQ	0.1	%	< 0.1	Acceptable	
CBD	<LOQ	0.1	%	< 0.1	Acceptable	
THCV	<LOQ	0.1	%	< 0.1	Acceptable	
THCVA	<LOQ	0.1	%	< 0.1	Acceptable	
CBN	<LOQ	0.1	%	< 0.1	Acceptable	
THC	<LOQ	0.1	%	< 0.1	Acceptable	
D8THC	<LOQ	0.1	%	< 0.1	Acceptable	
CBL	<LOQ	0.1	%	< 0.1	Acceptable	
CBC	<LOQ	0.1	%	< 0.1	Acceptable	
THCA	<LOQ	0.1	%	< 0.1	Acceptable	
CBCA	<LOQ	0.1	%	< 0.1	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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Revision #: 0.00 Control : CFL-D06
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Laboratory Quality Control Results

J AOAC 2015 V98-6		Batch ID: 2102754						
Sample Duplicate		Sample ID: 21-003065-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDV-A	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBDV	0.159	0.162	0.1	%	1.80	< 20	Acceptable	
CBD-A	5.28	5.28	0.1	%	0.145	< 20	Acceptable	
CBG-A	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBG	0.671	0.676	0.1	%	0.698	< 20	Acceptable	
CBD	10.2	10.3	0.1	%	0.272	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBN	1.26	1.26	0.1	%	0.0446	< 20	Acceptable	
THC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
D8THC	52.3	53.1	0.1	%	1.43	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBC	3.10	3.11	0.1	%	0.326	< 20	Acceptable	
THCA	0.305	0.293	0.1	%	3.87	< 20	Acceptable	
CBCA	0.322	0.341	0.1	%	5.8	< 20	Acceptable	

Abbreviations

- ND - None Detected at or above MRL
- RPD - Relative Percent Difference
- LOQ - Limit of Quantitation
- NA - Calculation Not Applicable given non-numerical results

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	Quantitation 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.