



This report cannot be used for ODA, OHA or OLCC compliance requirements.

This is an amended version of the report# 058276-00.

Customer: 4207 SE Woodstock Blvd
#507
Portland, Oregon 97206
United States

Product identity: Roasted Hazelnut & Sea Salt Batch 18350

Client/Metric ID: .

Sample Date:

Laboratory ID: 18-012095-0003

Relinquished by: Tait Christensen

Temp: 19.1 °C

Serving Size #1: 17.51 g

Sample Results

Potency		Batch: 1808425					
Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC [†]	< LOQ		%	0.0033	12/28/18	J AOAC 2015 V98-6	
CBC-A [†]	< LOQ		%	0.0033	12/28/18	J AOAC 2015 V98-6	
CBC-Total [†]	< LOQ		%	0.0063	12/28/18	J AOAC 2015 V98-6	
CBD	0.170		%	0.0033	12/28/18	J AOAC 2015 V98-6	
CBD-A	0.0244		%	0.0033	12/28/18	J AOAC 2015 V98-6	
CBD-Total	0.191		%	0.0063	12/28/18	J AOAC 2015 V98-6	
CBDV [†]	< LOQ		%	0.0033	12/28/18	J AOAC 2015 V98-6	
CBDV-A [†]	< LOQ		%	0.0033	12/28/18	J AOAC 2015 V98-6	
CBDV-Total [†]	< LOQ		%	0.0062	12/28/18	J AOAC 2015 V98-6	
CBG [†]	< LOQ		%	0.0033	12/28/18	J AOAC 2015 V98-6	
CBG-A [†]	< LOQ		%	0.0033	12/28/18	J AOAC 2015 V98-6	
CBG-Total [†]	< LOQ		%	0.0063	12/28/18	J AOAC 2015 V98-6	
CBL [†]	< LOQ		%	0.0033	12/28/18	J AOAC 2015 V98-6	
CBN	< LOQ		%	0.0033	12/28/18	J AOAC 2015 V98-6	
Δ8-THC [†]	< LOQ		%	0.0033	12/28/18	J AOAC 2015 V98-6	
Δ9-THC	< LOQ		%	0.0033	12/28/18	J AOAC 2015 V98-6	
THC-A	< LOQ		%	0.0033	12/28/18	J AOAC 2015 V98-6	
THC-Total	< LOQ		%	0.0063	12/28/18	J AOAC 2015 V98-6	
THCV [†]	< LOQ		%	0.0033	12/28/18	J AOAC 2015 V98-6	
THCV-A [†]	< LOQ		%	0.0033	12/28/18	J AOAC 2015 V98-6	
THCV-Total [†]	< LOQ		%	0.0062	12/28/18	J AOAC 2015 V98-6	



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Potency per 17.51g		Batch: 1808425					
Analyte	Result	Limits	Units	LOQ	Analyze	Method	Notes
CBC per 17.51g [†]	< LOQ		mg/17.51g	0.584	12/28/18	J AOAC 2015 V98-6	
CBC-A per 17.51g [†]	< LOQ		mg/17.51g	0.584	12/28/18	J AOAC 2015 V98-6	
CBC-Total per 17.51g [†]	< LOQ		mg/17.51g	1.10	12/28/18	J AOAC 2015 V98-6	
CBD per 17.51g	29.8		mg/17.51g	0.584	12/28/18	J AOAC 2015 V98-6	
CBD-A per 17.51g	4.27		mg/17.51g	0.584	12/28/18	J AOAC 2015 V98-6	
CBD-Total per 17.51g	33.5		mg/17.51g	1.10	12/28/18	J AOAC 2015 V98-6	
CBDV per 17.51g [†]	< LOQ		mg/17.51g	0.584	12/28/18	J AOAC 2015 V98-6	
CBDV-A per 17.51g [†]	< LOQ		mg/17.51g	0.584	12/28/18	J AOAC 2015 V98-6	
CBDV-Total per 17.51g [†]	< LOQ		mg/17.51g	1.09	12/28/18	J AOAC 2015 V98-6	
CBG per 17.51g [†]	< LOQ		mg/17.51g	0.584	12/28/18	J AOAC 2015 V98-6	
CBG-A per 17.51g [†]	< LOQ		mg/17.51g	0.584	12/28/18	J AOAC 2015 V98-6	
CBG-Total per 17.51g [†]	< LOQ		mg/17.51g	1.10	12/28/18	J AOAC 2015 V98-6	
CBL per 17.51g [†]	< LOQ		mg/17.51g	0.584	12/28/18	J AOAC 2015 V98-6	
CBN per 17.51g	< LOQ		mg/17.51g	0.584	12/28/18	J AOAC 2015 V98-6	
Δ8-THC per 17.51g [†]	< LOQ		mg/17.51g	0.584	12/28/18	J AOAC 2015 V98-6	
Δ9-THC per 17.51g	< LOQ		mg/17.51g	0.584	12/28/18	J AOAC 2015 V98-6	
THC-A per 17.51g	< LOQ		mg/17.51g	0.584	12/28/18	J AOAC 2015 V98-6	
THC-Total per 17.51g	< LOQ		mg/17.51g	1.10	12/28/18	J AOAC 2015 V98-6	
THCV per 17.51g [†]	< LOQ		mg/17.51g	0.584	12/28/18	J AOAC 2015 V98-6	
THCV-A per 17.51g [†]	< LOQ		mg/17.51g	0.584	12/28/18	J AOAC 2015 V98-6	
THCV-Total per 17.51g [†]	< LOQ		mg/17.51g	1.09	12/28/18	J AOAC 2015 V98-6	



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This is an amended version of the report# 058276-00.

Customer: 4207 SE Woodstock Blvd
#507
Portland, Oregon 97206
United States

Product identity: Classic Dark Batch, Dark Toasted Quinoa Crunch

Client/Metric ID: .

Sample Date:

Laboratory ID: 18-012095-0004

Relinquished by: Tait Christensen

Temp: 19.1 °C

Sample Results

Microbiology								
Analyte	Result	Limits	Units	LOQ	Batch	Analyze	Method	Notes
E.coli	< LOQ		cfu/g	10	1808312	12/28/18	AOAC 991.14 (Petrifilm)	X
Total Coliforms	< LOQ		cfu/g	10	1808312	12/28/18	AOAC 991.14 (Petrifilm)	X
Mold	< LOQ		cfu/g	20	1808314	12/30/18	AOAC 997.02 (Petrifilm)	X
Yeast	< LOQ		cfu/g	10	1808314	12/30/18	AOAC 997.02 (Petrifilm)	X



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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.

Units of Measure

cfu/g = Colony forming units per gram

g = Gram

mg/17.51g = Milligram per 17.51g

% = Percentage of sample

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

Glossary of Qualifiers

X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner
General Manager



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Statistical Analysis: Roasted Hazelnut & Sea Salt Batch 18350							
	Analysis mg/g						
	CBD	CBD-A	CBD-Total	CBN	THC	THC-A	THC-Total
18-012095-0003	1.7	0.244	1.91	< 0.00328	< 0.00328	< 0.00328	< 0.00626
Average %	1.7	0.244	1.91	n/a	n/a	n/a	n/a
Stdev	0.000	0.000	0.000	0.000	0.000	0.000	0.000
%RPD	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%
Pass/Fail (<15%RPD)	n/a	n/a	n/a	n/a	n/a	n/a	n/a



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Laboratory Quality Control Results

JAOAC2015 V98-6 Batch ID: 1808425

Laboratory Control Sample								
Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes	
CBDV-A	0.00953	0.01	%	95.3	85 - 115	Acceptable		
CBDV	0.00993	0.01	%	99.3	85 - 115	Acceptable		
CBD-A	0.00944	0.01	%	94.4	85 - 115	Acceptable		
CBG-A	0.00960	0.01	%	96.0	85 - 115	Acceptable		
CBG	0.0101	0.01	%	101	85 - 115	Acceptable		
CBD	0.00959	0.01	%	95.9	85 - 115	Acceptable		
THCV	0.00969	0.01	%	96.9	85 - 115	Acceptable		
THCVA	0.00956	0.01	%	95.6	85 - 115	Acceptable		
CBN	0.0104	0.01	%	104	85 - 115	Acceptable		
THC	0.00999	0.01	%	99.9	85 - 115	Acceptable		
D8THC	0.00973	0.01	%	97.3	85 - 115	Acceptable		
CBL	0.00938	0.01	%	93.8	85 - 115	Acceptable		
CBC	0.0102	0.01	%	102	85 - 115	Acceptable		
THCA	0.00999	0.01	%	99.9	85 - 115	Acceptable		
CBCA	0.00936	0.01	%	93.6	85 - 115	Acceptable		

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDV-A	ND	0.005	%	< 0.005	Acceptable	
CBDV	ND	0.005	%	< 0.005	Acceptable	
CBD-A	ND	0.005	%	< 0.005	Acceptable	
CBG-A	ND	0.005	%	< 0.005	Acceptable	
CBG	ND	0.005	%	< 0.005	Acceptable	
CBD	ND	0.005	%	< 0.005	Acceptable	
THCV	ND	0.005	%	< 0.005	Acceptable	
THCVA	ND	0.005	%	< 0.005	Acceptable	
CBN	ND	0.005	%	< 0.005	Acceptable	
THC	ND	0.005	%	< 0.005	Acceptable	
D8THC	ND	0.005	%	< 0.005	Acceptable	
CBL	ND	0.005	%	< 0.005	Acceptable	
CBC	ND	0.005	%	< 0.005	Acceptable	
THCA	ND	0.005	%	< 0.005	Acceptable	
CBCA	ND	0.005	%	< 0.005	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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JAOAC2015 V986		Batch ID: 1808425						
Sample Duplicate		Sample ID: 18-012095-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDV-A	ND	ND	0.005	%	0	< 20	Acceptable	
CBDV	ND	ND	0.005	%	0	< 20	Acceptable	
CBD-A	0.0272	0.0274	0.005	%	0.733	< 20	Acceptable	
CBG-A	ND	ND	0.005	%	0	< 20	Acceptable	
CBG	ND	ND	0.005	%	0	< 20	Acceptable	
CBD	0.197	0.197	0.005	%	0	< 20	Acceptable	
THCV	ND	ND	0.005	%	0	< 20	Acceptable	
THCVA	ND	ND	0.005	%	0	< 20	Acceptable	
CBN	ND	ND	0.005	%	0	< 20	Acceptable	
THC	ND	ND	0.005	%	0	< 20	Acceptable	
D8THC	ND	ND	0.005	%	0	< 20	Acceptable	
CBL	ND	ND	0.005	%	0	< 20	Acceptable	
CBC	ND	ND	0.005	%	0	< 20	Acceptable	
THCA	ND	ND	0.005	%	0	< 20	Acceptable	
CBCA	ND	ND	0.005	%	0	< 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.