



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



Report Number: 21-011040/D001.R000
Report Date: 09/27/2021
ORELAP#: OR100028
Purchase Order:
Received: 09/20/21 14:26

Customer: Natures Catalyst
Product identity: D0-Cart-091721
Client/Metric ID: .
Laboratory ID: 21-011040-0003

Summary

Potency:

Analyte	Result (%)		
Δ8-THC†	5.33		CBD-Total <LOQ
			THC-Total <LOQ
			(Reported in percent of total sample)



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Customer: Natures Catalyst

Product identity: D0-Cart-091721

Client/Metric ID: .

Sample Date:

Laboratory ID: 21-011040-0003

Evidence of Cooling: No

Temp: 25.9 °C

Relinquished by: Client

Sample Results

Potency	Method	J AOAC 2015 V98-6 (mod)	Units %	Batch: 2108533	Analyze: 9/23/21 1:54:00 PM
Analyte	As Received	Dry weight	LOQ	Notes	
CBC	< LOQ		0.0962		
CBC-A†	< LOQ		0.0962		
CBC-Total†	< LOQ		0.181		
CBD	< LOQ		0.0962		
CBD-A	< LOQ		0.0962		
CBD-Total	< LOQ		0.181		
CBDV†	< LOQ		0.0962		
CBDV-A†	< LOQ		0.0962		
CBDV-Total†	< LOQ		0.180		
CBE†	< LOQ		0.0962		
CBG†	< LOQ		0.0962		
CBG-A†	< LOQ		0.0962		
CBG-Total	< LOQ		0.180		
CBL†	< LOQ		0.0962		
CBL-A†	< LOQ		0.0962		
CBL-Total†	< LOQ		0.181		
CBN	< LOQ		0.0962		
CBT†	< LOQ		0.0962		
Δ8-THC†	5.33		0.0962		
Δ8-THCV	< LOQ		0.0962		
Δ9-THC	< LOQ		0.0962		
THC-A	< LOQ		0.0962		
THC-Total	< LOQ		0.181		
THCV†	< LOQ		0.0962		
THCV-A†	< LOQ		0.0962		
THCV-Total†	< LOQ		0.180		
Total Cannabinoids†	5.33				





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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 = µg/g divided by 10,000

Approved Signatory

Derrick Tanner
General Manager



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Laboratory Quality Control Results

JAOAC2015 V98-6		Batch ID: 2108533						
Laboratory Control Sample								
Analyte	Result	Spike	Units	% Rec	Limits	Evaluation	Notes	
CBDVA	0.187	0.2	%	93.3	85.0 - 115	Acceptable		
CBDV	0.219	0.2	%	109	85.0 - 115	Acceptable		
CBE	0.210	0.2	%	105	85.0 - 115	Acceptable		
CBDA	0.202	0.2	%	101	85.0 - 115	Acceptable		
CBGA	0.190	0.2	%	94.8	85.0 - 115	Acceptable		
CBG	0.200	0.2	%	100	85.0 - 115	Acceptable		
CBD	0.200	0.2	%	100	85.0 - 115	Acceptable		
THCV	0.195	0.2	%	97.7	85.0 - 115	Acceptable		
d8THCV	0.199	0.2	%	99.5	85.0 - 115	Acceptable		
THCVA	0.181	0.2	%	90.4	85.0 - 115	Acceptable		
CBN	0.207	0.2	%	104	85.0 - 115	Acceptable		
exo-THC	0.189	0.2	%	94.7	85.0 - 115	Acceptable		
d9THC	0.204	0.2	%	102	85.0 - 115	Acceptable		
d8THC	0.209	0.2	%	104	85.0 - 115	Acceptable		
CBL	0.182	0.2	%	91.0	85.0 - 115	Acceptable		
CBC	0.201	0.2	%	101	85.0 - 115	Acceptable		
THCA	0.201	0.2	%	101	85.0 - 115	Acceptable		
CBCA	0.186	0.2	%	92.8	85.0 - 115	Acceptable		
CBLA	0.206	0.2	%	103	85.0 - 115	Acceptable		
CBT	0.216	0.2	%	108	85.0 - 115	Acceptable		

Method Blank

Analyte	Result	LOQ	Units	Limits	Evaluation	Notes
CBDVA	<LOQ	0.1	%	< 0.1	Acceptable	
CBDV	<LOQ	0.1	%	< 0.1	Acceptable	
CBE	<LOQ	0.1	%	< 0.1	Acceptable	
CBDA	<LOQ	0.1	%	< 0.1	Acceptable	
CBGA	<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	
d8THCV	<LOQ	0.1	%	< 0.1	Acceptable	
THCVA	<LOQ	0.1	%	< 0.1	Acceptable	
CBN	<LOQ	0.1	%	< 0.1	Acceptable	
exo-THC	<LOQ	0.1	%	< 0.1	Acceptable	
d9THC	<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	
CBLA	<LOQ	0.1	%	< 0.1	Acceptable	
CBT	<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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Laboratory Quality Control Results

JAOAC2015 V98-6		Batch ID: 2108533						
Sample Duplicate		Sample ID: 21-011015-0001						
Analyte	Result	Org. Result	LOQ	Units	RPD	Limits	Evaluation	Notes
CBDVA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBDV	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBE	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBDA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBGA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBG	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBD	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
THCV	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
d8THCV	0.450	0.441	0.1	%	1.96	< 20	Acceptable	
THCVA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBN	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
exo-THC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
d9THC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
d8THC	81.1	82.7	0.1	%	1.94	< 20	Acceptable	
CBL	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBC	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
THCA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBCA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBLA	<LOQ	<LOQ	0.1	%	NA	< 20	Acceptable	
CBT	0.196	0.213	0.1	%	8.58	< 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.