



Confidence Analytics®

Cannabis Analytical Chemistry Laboratory

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Origin

Cinder - Valley
927 W Second Ave
Spokane, Wa 99201
License #: n/a

Parent Batch ID:
GF41852400069280

Parent Batch Size:
N/A

Sample Demographics

Name:
Apple Butter

Product Type:
Flower

Origin Sample ID:
WA-240821-062

Lab Sample ID:
WA-240821-062

Date of Collection:
N/A

Date of Receipt:
2024-08-21

Date of Completion:
2024-08-28

Serving / Package Wt:
N/A / N/A

Density:
N/A

Batch Pass/Fail:
✓ PASS

Cannabinoid Analysis - summary

Total d9-THC: 23% 230mg/g

Total CBD: 0.048% 0.48mg/g

Total Cannabinoids: 28%

Safety Analysis - summary

Foreign Matter
✓ PASS

Heavy Metals
✓ PASS

Microbial
✓ PASS

Mycotoxins
✓ PASS

Pesticides
✓ PASS

Solvents
NT

Water Activity
✓ PASS

Cannabinoids - Potency

2024-08-28

Analyte Name	%	mg/g	mg/serving	mg/package	LoD/LoQ (%)
Total Cannabinoids	28	280	N/A	N/A	N/A / N/A
Total THC	23	230	N/A	N/A	N/A / N/A
Total CBD	0.048	0.48	N/A	N/A	N/A / N/A
d9-thc	0.41	4.1	N/A	N/A	0.021 / 0.021
d9-thca	26	260	N/A	N/A	0.021 / 0.021
cbd	ND	ND	N/A	N/A	0.021 / 0.021
cbda	0.055	0.55	N/A	N/A	0.021 / 0.021
cbc	ND	ND	N/A	N/A	0.021 / 0.041
cbca	0.24	2.4	N/A	N/A	0.021 / 0.041
cbdv	ND	ND	N/A	N/A	0.021 / 0.041
cbdva	ND	ND	N/A	N/A	0.021 / 0.041
cbg	0.11	1.1	N/A	N/A	0.021 / 0.041
cbga	1	10	N/A	N/A	0.021 / 0.041
cbl	ND	ND	N/A	N/A	0.021 / 0.041
cbn	ND	ND	N/A	N/A	0.021 / 0.041
cbna	<LOQ	<LOQ	N/A	N/A	0.021 / 0.041
cbt	ND	ND	N/A	N/A	0.021 / 0.041
d8-thc	ND	ND	N/A	N/A	0.021 / 0.041
d9-thcv	ND	ND	N/A	N/A	0.021 / 0.041
d9-thcva	0.14	1.4	N/A	N/A	0.021 / 0.041

[End of Analytes]





Certificate of Analysis

Batch #: GF41852400069280, ID: WA-240821-062,

Sample Name: Apple Butter, Type: Flower,

Origin: Cinder - Valley (License No.: n/a)



Foreign Material 2024-08-28

Analyte Name (Boolean)	Result	LoD/LoQ/AL	(Pass/Fail)
i.h.e. (fail if detected)	ND	N/A / N/A / N/A	Pass
seeds & other (%)	ND	N/A / N/A / 2	Pass
stems (%)	ND	N/A / N/A / 5	Pass

GCMS Pesticides 2024-08-28

Analyte Name (ppm)	Result	LoD/LoQ/AL	(Pass/Fail)
chlorfenapyr	ND	0.4 / 0.4 / 1	Pass
chlorpyrifos	ND	0.1 / 0.1 / 0.2	Pass
cyfluthrin	ND	0.4 / 0.4 / 1	Pass
cypermethrin	ND	0.75 / 0.75 / 1	Pass
methyl parathion	ND	0.1 / 0.1 / 0.2	Pass
mgk 264 a	ND	0.05 / 0.05 / 0.2	Pass
mgk 264 b	ND	0.05 / 0.05 / 0.2	Pass
total mgk 264	ND	N/A / N/A / 0.2	Pass

Heavy Metals 2024-08-28

Analyte Name (ppm)	Result	LoD/LoQ/AL	(Pass/Fail)
as	ND	1 / 1 / 2	Pass
cd	ND	0.4 / 0.4 / 0.82	Pass
hg	ND	0.3 / 0.3 / 0.4	Pass
pb	ND	0.5 / 0.5 / 1.2	Pass

LCMS Pesticides 2024-08-28

Analyte Name (ppm)	Result	LoD/LoQ/AL	(Pass/Fail)
acephate	ND	0.028 / 0.028 / 0.4	Pass
acequinocyl	ND	0.47 / 0.47 / 2	Pass
acetamiprid	ND	0.038 / 0.038 / 0.2	Pass
aldicarb	ND	0.037 / 0.037 / 0.4	Pass
avermectin b1a	ND	0.075 / 0.075 / 0.5	Pass
avermectin b1b	ND	0.075 / 0.075 / 0.5	Pass
azoxystrobin	ND	0.047 / 0.047 / 0.2	Pass
bifenazate	ND	0.019 / 0.046 / 0.2	Pass
bifenthrin	ND	0.019 / 0.063 / 0.2	Pass
boscalid	ND	0.038 / 0.07 / 0.4	Pass
carbaryl	ND	0.028 / 0.028 / 0.2	Pass
carbofuran	ND	0.047 / 0.047 / 0.2	Pass
chlorantraniliprole	ND	0.031 / 0.031 / 0.2	Pass
cis-permethrin	ND	0.043 / 0.043 / 0.2	Pass
clofentezine	ND	0.059 / 0.059 / 0.2	Pass
daminozide	ND	0.19 / 0.19 / 1	Pass
diazinon	ND	0.031 / 0.031 / 0.2	Pass
dichlorvos	ND	0.035 / 0.035 / 0.1	Pass
dimethoate	ND	0.036 / 0.036 / 0.2	Pass
ethoprophos	ND	0.071 / 0.071 / 0.2	Pass
etofenprox	ND	0.054 / 0.054 / 0.4	Pass
etoxazole	ND	0.033 / 0.033 / 0.2	Pass
fenoxycarb	ND	0.045 / 0.045 / 0.2	Pass
fenpyroximate	ND	0.046 / 0.046 / 0.4	Pass
fipronil	ND	0.11 / 0.11 / 0.4	Pass
flonicamid	ND	0.097 / 0.097 / 1	Pass
fludioxonil	ND	0.053 / 0.053 / 0.4	Pass
hexythiazox	ND	0.17 / 0.17 / 1	Pass
imazalil	ND	0.047 / 0.047 / 0.2	Pass
imidacloprid	ND	0.029 / 0.029 / 0.4	Pass
kresoxim-methyl	ND	0.048 / 0.048 / 0.4	Pass
malathion	ND	0.047 / 0.047 / 0.2	Pass
metalaxyl	ND	0.035 / 0.035 / 0.2	Pass
methiocarb	ND	0.047 / 0.047 / 0.2	Pass
methomyl	ND	0.04 / 0.04 / 0.4	Pass
myclobutanil	ND	0.019 / 0.051 / 0.2	Pass
naled	ND	0.04 / 0.04 / 0.5	Pass
oxamyl	ND	0.027 / 0.027 / 1	Pass

paclobutrazol	ND	0.033 / 0.033 / 0.4	Pass
phosmet	ND	0.047 / 0.047 / 0.2	Pass
piperonyl butoxide	ND	0.019 / 0.06 / 2	Pass
prallethrin	ND	0.035 / 0.035 / 0.2	Pass
propiconazole	ND	0.088 / 0.088 / 0.4	Pass
propoxur	ND	0.043 / 0.043 / 0.2	Pass
pyrethrin i	ND	0.075 / 0.075 / 1	Pass
pyrethrin ii	ND	0.019 / 0.04 / 1	Pass
pyridaben	ND	0.034 / 0.034 / 0.2	Pass
spinosad a	ND	0.019 / 0.038 / 0.2	Pass
spinosad d	ND	0.019 / 0.019 / 0.2	Pass
spiromesifen	ND	0.064 / 0.064 / 0.2	Pass
spirotetramat	ND	0.047 / 0.047 / 0.2	Pass
spiroxamine	ND	0.038 / 0.038 / 0.4	Pass
tebuconazole	ND	0.056 / 0.056 / 0.4	Pass
thiacloprid	ND	0.038 / 0.038 / 0.2	Pass
thiamethoxam	ND	0.032 / 0.032 / 0.2	Pass
trans-permethrin	ND	0.045 / 0.045 / 0.2	Pass
trifloxystrobin	ND	0.071 / 0.071 / 0.2	Pass
total abamectin	ND	N/A / N/A / 0.5	Pass
total permethrins	ND	N/A / N/A / 0.2	Pass
total pyrethrins	ND	N/A / N/A / 1	Pass
total spinosads	ND	N/A / N/A / 0.2	Pass

Microbial 2024-08-28

Analyte Name (CFU/g)	Result	LoD/LoQ/AL	(Pass/Fail)
btgn	ND	5000 / 5000 / 10000	Pass
e coli	ND	N/A / N/A / N/A	Pass
salmonella	ND	N/A / N/A / N/A	Pass

Microbial 2024-08-28

Analyte Name (CFU/g)	Result	LoD/LoQ/AL	(Pass/Fail)
fungal	ND	5000 / 5000 / N/A	Pass

Mycotoxins 2024-08-28

Analyte Name (ppb)	Result	LoD/LoQ/AL	(Pass/Fail)
aflatoxin b1	ND	5 / 5 / 20	Pass
aflatoxin b2	ND	5 / 5 / 20	Pass
aflatoxin g1	ND	5 / 5 / 20	Pass
aflatoxin g2	ND	5 / 5 / 20	Pass
ochratoxin a	ND	10 / 10 / 20	Pass
total aflatoxins	ND	N/A / N/A / 20	Pass

Water Activity 2024-08-28

Analyte Name (aw)	Result	LoD/LoQ/AL	(Pass/Fail)
water activity	0.58	0.35 / 0.35 / 0.65	Pass

[END OF ANALYTES]





Certificate of Analysis
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 Sample Name: Apple Butter, Type: Flower,
 Origin: Cinder - Valley (License No.: n/a)



Attestation & Accuracy Review

These testing results are certified by scientific examination of a single sample provided by the Producer/Processor. Confidence Analytics and its agents did not observe or participate in the sample selection process, and cannot confirm the authenticity of the sample or its representativeness of the associated lot/batch. The sample, as received, was homogenized before subsamples were drawn for specific analyses.

Pass/Fail criteria are defined in [WAC 314-55-102](#) and [WAC 314-55-108](#)

Calculations:

Total THC = d9-THC + (THC-A * 0.877)
 Total CBD = CBD + (CBD-A * 0.877)
 Total Cannabinoid is a raw sum of all measured cannabinoids.
 In Traceability, Total Cannabinoid is a sum of Total THC and Total CBD.
 Figures may differ slightly from traceability due to rounding.

Definitions:

ND = Not Detected
 NT = Not Tested
 LOD = Detection Limit
 LOQ = Lower Quantification Limit
 ULOQ = Upper Quantification Limit

¹Greater than ULOQ
²Not included in ISO scope

AL = Action Limit

Analytical Methods Used:

Cannabinoids by UHPLC-DAD
 Terpenes by HS-GC-FID
 Residual Solvents by HS-GC-MS
 LC Pesticides by LC-MS/MS
 GC Pesticides by GC-MS/MS

Mycotoxins by LC-MS/MS
 Microbes by Plate Counting
 Heavy Metals by ICP-MS
 Foreign Material by Macroscopic Inspection
 Water Activity by HYGROMETER

Material Amendments

No material amendments recorded for this sample.

