

Free Rain Farms
 6995 Kickerville Road
 Suite B
 Ferndale, Washington, 98248, US
 License #: 420130
 Phone: (360) 398-6246

Product Name: Oreoz
Sample Type: Flower Lot
Quantity: 12.00g
Inventory ID: 15520022099606631
Date: 2025-03-04


Water Activity
 PASSED


Foreign Matter Inspection
 PASSED


Cannabinoid Profile 1
 TESTED


Microbial Analysis BTGN
 PASSED


Microbial Analysis Salmonella/STEC
 PASSED


Mycotoxin Screen
 PASSED


Pesticide Screening
 PASSED

Water Activity Passed

Water Activity		
Parameter	Result	LOQ
Water Activity:	0.56 a _w	0.11 a _w

Foreign Matter Inspection Passed

Visual Inspection		
Parameter	Result	LOQ
Stems:	<LOQ	0.1%
Seeds:	<LOQ	0.1%
IHE:	<LOQ	1

Cannabinoid Profile 1 Tested

HPLC Method 2		
Parameter	Result	LOQ
D9 THC-A:	22%	0.10%
D9 THC:	0.10%	0.10%
D8 THC:	<LOQ	0.10%
CBD-A:	<LOQ	0.10%
CBD:	<LOQ	0.10%
CBG-A:	0.40%	0.10%
CBG:	<LOQ	0.10%
CBC:	<LOQ	0.10%
CBN:	<LOQ	0.10%
Total THC: ((D9 THC-A*0.877)+D9 THC)	19%	0.1%
Total CBD: (CBD-A*0.877)+CBD	<LOQ	0.1%
Total THC + CBD: ((D9 THC-A*0.877)+D9 THC)+((CBD-A*0.877)+CBD)	19%	0.1%
Total Cannabinoids: Sum Of D9 THC-A→CBN	22%	0.1%

Microbial Analysis BTGN Passed

Plate Count		
Parameter	Result	LOQ
BTGN:	<LOQ	100 cfu/g

Microbial Analysis Salmonella/STEC Passed

PCR - WA State Limit: <1 cfu/g		
Parameter	Result	
Salmonella spp.:	Absent	
STEC:	Absent	

Mycotoxin Screen Passed

ELISA		
Parameter	Result	LOQ
Aflatoxin:	<LOQ	4.0 ppb
Ochratoxin:	2.9 ppb	2.0 ppb

Notes/Comments:

LOQ: Limit of Quantification
 Figures may differ slightly from traceability due to rounding.

Certified By



Jay Burns, Lab Director

2025/03/05

Date

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This report is for informational purposes only and should not be used to diagnose, treat or prevent any medical related symptoms. These testing results are certified by scientific examination of a single sample provided by the Producer/Processor. Treeline 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. Pass/Fail criteria are defined in WAC 314-55-102 and WAC 314-55-108

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Pesticide Screening ✓ Passed

LC-MS/MS		
Parameter	Result	LOQ
Abamectin:	<LOQ	0.25 ppm
Acephate:	<LOQ	0.20 ppm
Acequinocyl:	<LOQ	1.0 ppm
Acetamiprid:	<LOQ	0.10 ppm
Aldicarb:	<LOQ	0.20 ppm
Azoxystrobin:	<LOQ	0.10 ppm
Bifenazate:	<LOQ	0.10 ppm
Bifenthrin:	<LOQ	0.10 ppm
Boscalid:	<LOQ	0.20 ppm
Carbaryl:	<LOQ	0.10 ppm
Carbofuran:	<LOQ	0.10 ppm
Chlorantraniliprole:	<LOQ	0.10 ppm
Chlorfenapyr:	<LOQ	0.50 ppm
Chlorpyrifos:	<LOQ	0.10 ppm
Clofentezine:	<LOQ	0.10 ppm
Cyfluthrin:	<LOQ	0.50 ppm
Cypermethrin:	<LOQ	0.50 ppm
Daminozide:	<LOQ	0.50 ppm
Diazinon:	<LOQ	0.10 ppm
Dichlorvos (DDVP):	<LOQ	0.050 ppm

Pesticide Screening ✓ Passed

LC-MS/MS		
Parameter	Result	LOQ
Dimethoate:	<LOQ	0.10 ppm
Ethoprophos:	<LOQ	0.10 ppm
Etofenprox:	<LOQ	0.20 ppm
Etoxazole:	<LOQ	0.10 ppm
Fenoxycarb:	<LOQ	0.10 ppm
Fenpyroximate:	<LOQ	0.20 ppm
Fipronil:	<LOQ	0.20 ppm
Flonicamid:	<LOQ	0.50 ppm
Fludioxonil:	<LOQ	0.20 ppm
Hexythiazox:	<LOQ	0.50 ppm
Imazalil:	<LOQ	0.10 ppm
Imidacloprid:	<LOQ	0.20 ppm
Kresoxim-methyl:	<LOQ	0.20 ppm
Malathion:	<LOQ	0.10 ppm
Metaxyl:	<LOQ	0.10 ppm
Methiocarb:	<LOQ	0.10 ppm
Methomyl:	<LOQ	0.20 ppm
Methyl parathion:	<LOQ	0.10 ppm
MGK-264:	<LOQ	0.096 ppm
Myclobutanil:	<LOQ	0.10 ppm

Pesticide Screening ✓ Passed

LC-MS/MS		
Parameter	Result	LOQ
Naled:	<LOQ	0.25 ppm
Oxamyl:	<LOQ	0.50 ppm
Paclobutrazol:	<LOQ	0.20 ppm
Permethrins:	<LOQ	0.10 ppm
Phosmet:	<LOQ	0.10 ppm
Piperonyl Butoxide:	<LOQ	1.0 ppm
Prallethrin:	<LOQ	0.10 ppm
Propiconazole:	<LOQ	0.20 ppm
Propoxur:	<LOQ	0.10 ppm
Pyrethrins:	<LOQ	0.43 ppm
Pyridaben:	<LOQ	0.10 ppm
Spinosad:	<LOQ	0.10 ppm
Spiromesifen:	<LOQ	0.10 ppm
Spirotetramat:	<LOQ	0.10 ppm
Spiroxamine:	<LOQ	0.20 ppm
Tebuconazole:	<LOQ	0.20 ppm
Thiacloprid:	<LOQ	0.10 ppm
Thiamethoxam:	<LOQ	0.10 ppm
Trifloxystrobin:	<LOQ	0.10 ppm

Notes/Comments:

LOQ: Limit of Quantification
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2025/03/05

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Certificate of Analysis

Batch #: 17370040674780965, ID: WA-250221-004,

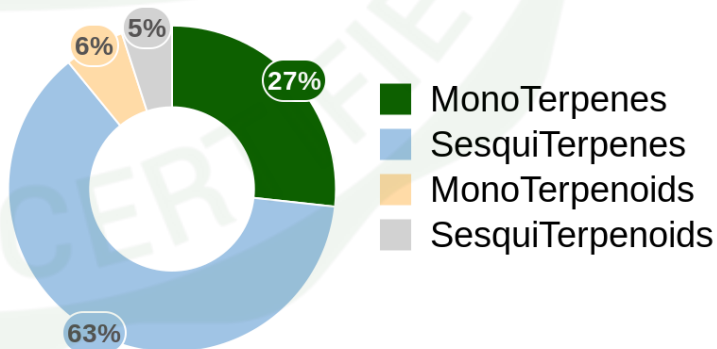
Sample Name: Bulk Preserves - Oreoz - Indica - DOH, Type: Flower,

Origin: Skagit Organics (License No.: 412843)



Terpenes ³			2025-02-23	Terpenes continued		
Analyte Name	Result (ppm)	lod/loq (ppm)		Analyte Name	Result (ppm)	lod/loq (ppm)
a-bisabolene ²	440	39 / 77	PASS	isopulegol	ND	77 / 150
a-bulnesene ²	940	39 / 77	PASS	limonene	2000	39 / 77
a-farnesene ²	450	39 / 77	PASS	linalool	530	39 / 77
a-maaliene ²	2400	39 / 77	PASS	m-cymene	ND	39 / 77
a-ocimene	ND	39 / 77	PASS	menthone	ND	39 / 77
a-phellandrene	<LOQ	39 / 77	PASS	myrcene	1700	77 / 150
a-pinene	220	39 / 77	PASS	o-cymene	ND	39 / 77
a-terpinene	ND	39 / 77	PASS	p-cymene	ND	39 / 77
a-thujone	ND	39 / 77	PASS	piperitone	ND	39 / 77
b-farnesene	350	77 / 150	PASS	pulegone	ND	77 / 150
b-maaliene ²	550	39 / 77	PASS	safranal	ND	39 / 77
b-ocimene	620	39 / 77	PASS	selinadiene ²	2000	39 / 77
b-pinene	390	39 / 77	PASS	terpineol	350	39 / 77
bisabolol	850	39 / 77	PASS	terpinolene	520	39 / 77
borneol	ND	150 / 310	PASS	thymol	ND	39 / 77
camphene	90	39 / 77	PASS	trans-a-bergamotene ²	400	39 / 77
camphor	ND	39 / 77	PASS	total terpenes ²	21000	NA / NA
carene	<LOQ	39 / 77	PASS			
carvacrol	ND	39 / 77	PASS			
carvone	ND	39 / 77	PASS			
caryophyllene	3900	39 / 77	PASS			
cedrol	ND	39 / 77	PASS			
citral	ND	77 / 150	PASS			
eucalyptol	ND	39 / 77	PASS			
fenchol	270	77 / 150	PASS			
fenchone	<LOQ	39 / 77	PASS			
g-terpinene	ND	39 / 77	PASS			
guaial	95	39 / 77	PASS			
humulene	1600	39 / 77	PASS			
isobornyl acetate	ND	39 / 77	PASS			

Most to Least Volatile





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**Foreign Material** 2025-02-23

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 2025-02-23

Analyte Name (ppm)	Result	LoD/LoQ/AL	(Pass/Fail)
chlorfenapyr	ND	0.75 / 0.75 / 1	Pass
chlorpyrifos	ND	0.15 / 0.15 / 0.2	Pass
cyfluthrin	ND	0.75 / 0.75 / 1	Pass
cypermethrin	ND	0.75 / 0.75 / 1	Pass
methyl parathion	ND	0.15 / 0.15 / 0.2	Pass
mgk 264 a	ND	0.1 / 0.1 / 0.2	Pass
mgk 264 b	ND	0.1 / 0.1 / 0.2	Pass
ortho-para-DDE	ND	0.08 / 0.08 / 0.1	Pass
total mgk 264	ND	N/A / N/A / 0.2	Pass

Heavy Metals 2025-02-23

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 2025-02-23

Analyte Name (ppm)	Result	LoD/LoQ/AL	(Pass/Fail)
acephate	ND	0.04 / 0.08 / 0.4	Pass
acequinocyl	ND	0.48 / 0.48 / 2	Pass
acetamiprid	ND	0.04 / 0.08 / 0.2	Pass
aldicarb	ND	0.04 / 0.08 / 0.4	Pass
avermectin b1a	ND	0.08 / 0.08 / 0.5	Pass
avermectin b1b	ND	0.08 / 0.08 / 0.5	Pass
azoxystrobin	ND	0.04 / 0.08 / 0.2	Pass
bifenazate	ND	0.04 / 0.04 / 0.2	Pass
bifenthrin	ND	0.02 / 0.04 / 0.2	Pass
boscalid	ND	0.04 / 0.08 / 0.4	Pass
carbaryl	ND	0.04 / 0.08 / 0.2	Pass
carbofuran	ND	0.04 / 0.08 / 0.2	Pass
chlorantraniliprole	ND	0.04 / 0.08 / 0.2	Pass
cis-permethrin	ND	0.04 / 0.08 / 0.2	Pass
clofentezine	ND	0.04 / 0.08 / 0.2	Pass
daminozide	ND	0.24 / 0.48 / 1	Pass
diazinon	ND	0.04 / 0.08 / 0.2	Pass
dichlorvos	ND	0.075 / 0.075 / 0.1	Pass
dimethoate	ND	0.04 / 0.08 / 0.2	Pass
ethoprophos	ND	0.04 / 0.08 / 0.2	Pass
etofenprox	ND	0.04 / 0.08 / 0.4	Pass
etoxazole	ND	0.04 / 0.08 / 0.2	Pass
fenoxycarb	ND	0.04 / 0.08 / 0.2	Pass
fenpyroximate	ND	0.04 / 0.08 / 0.4	Pass
fipronil	ND	0.08 / 0.08 / 0.4	Pass
flonicamid	ND	0.24 / 0.48 / 1	Pass
fludioxonil	ND	0.04 / 0.08 / 0.4	Pass
hexythiazox	ND	0.08 / 0.16 / 1	Pass
imazalil	ND	0.04 / 0.08 / 0.2	Pass
imidacloprid	ND	0.04 / 0.04 / 0.4	Pass
kresoxim-methyl	ND	0.08 / 0.08 / 0.4	Pass
malathion	ND	0.04 / 0.08 / 0.2	Pass
metalaxyl	ND	0.08 / 0.08 / 0.2	Pass
methiocarb	ND	0.04 / 0.08 / 0.2	Pass
methomyl	ND	0.04 / 0.08 / 0.4	Pass
myclobutanil	ND	0.04 / 0.04 / 0.2	Pass

naled	ND	0.04 / 0.08 / 0.5	Pass
oxamyl	ND	0.04 / 0.08 / 1	Pass
paclobutrazol	ND	0.04 / 0.04 / 0.4	Pass
phosmet	ND	0.04 / 0.08 / 0.2	Pass
piperonyl butoxide	ND	0.04 / 0.08 / 2	Pass
prallethrin	ND	0.04 / 0.08 / 0.2	Pass
propiconazole	ND	0.15 / 0.15 / 0.4	Pass
propoxur	ND	0.08 / 0.08 / 0.2	Pass
pyrethrin i	ND	0.08 / 0.08 / 1	Pass
pyrethrin ii	ND	0.04 / 0.08 / 1	Pass
pyridaben	ND	0.04 / 0.08 / 0.2	Pass
spinosad a	ND	0.02 / 0.04 / 0.2	Pass
spinosad d	ND	0.02 / 0.04 / 0.2	Pass
spiromesifen	ND	0.04 / 0.08 / 0.2	Pass
spirotetramat	ND	0.04 / 0.08 / 0.2	Pass
spiroxamine	ND	0.04 / 0.08 / 0.4	Pass
tebuconazole	ND	0.04 / 0.08 / 0.4	Pass
thiacloprid	ND	0.04 / 0.08 / 0.2	Pass
thiamethoxam	ND	0.04 / 0.08 / 0.2	Pass
trans-permethrin	ND	0.04 / 0.08 / 0.2	Pass
trifloxystrobin	ND	0.08 / 0.08 / 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 2025-02-23

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

Mycotoxins 2025-02-23

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 2025-02-23

Analyte Name (aw)	Result	LoD/LoQ/AL	(Pass/Fail)
water activity	0.37	0.35 / 0.35 / 0.65	Pass

[END OF ANALYTES]





Certificate of Analysis

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Attestation & Accuracy Review

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

Calculations:

$$\text{Total THC} = \text{d9-THC} + (\text{THC-A} * 0.877)$$
$$\text{Total CBD} = \text{CBD} + (\text{CBD-A} * 0.877)$$

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

AL = Action Limit

N/A = Not Applicable

GPM = Green Plant Material

CONC = Concentrate

ISL = Infused Solid or Liquid

¹Greater than ULOQ²Not included in A2LA scope of Accreditation³WSDA Accreditation not available for this analyte

Analytical Methods Used:

Cannabinoids by UHPLC-DAD

Terpenes by HS-GC-FID/MS³

Residual Solvents by HS-GC-MS

LCMS Pesticides by LC-MS/MS

GCMS 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

Certifying Scientist: Joe Dillon

Material Amendments

No material amendments recorded for this sample.

