



Confidence Analytics®

Cannabis Analytical Chemistry Laboratory

WSLCB Certification # 0003 | 14797 NE 95th St, Redmond, WA 98052 | 206.743.8843 | info@conflabs.com



Origin

Vitality Natural
5305 NE 121st Ave #601
Vancouver, Wa 98682
License #: n/a

Parent Batch ID:
WA-250223-036

Origin Sample ID:
WA-250223-036

Sample Demographics

Sample Name:
Vitality Natural - Topical - PurMed CBD

Product Type:
Topical

Matrix Type:
ISL

Category: N O N-502
N O N-502

Lab Sample ID: WA-250223-036

Date of Collection: Unknown
Serving / Package Wt: 93g / N/A

Date of Receipt: 2025-02-22
Sample Size: 1 unit

Date of Completion: 2025-02-25
Batch Pass/Fail: **✓ PASS**

Cannabinoid Analysis - summary

Total d9-THC: 0% 0mg/serving

Total CBD: 0.93% 860mg/serving

Total Cannabinoids: 0.93%

Terpene Analysis - summary

Total Terpenes: 0.02 %

Top Three:

Caryophyllene: 0.01 %

Menthone: 0.0096 %

A-bisabolene: 0 %

Safety Analysis - summary

Foreign Matter
NT

Heavy Metals
✓ PASS

Microbial
✓ PASS

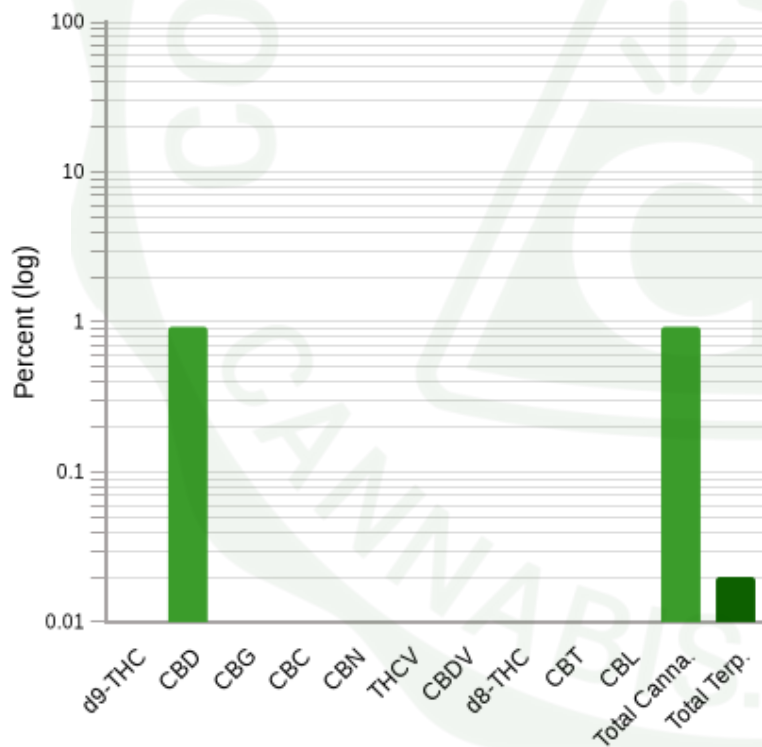
Mycotoxins
✓ PASS

Pesticides
✓ PASS

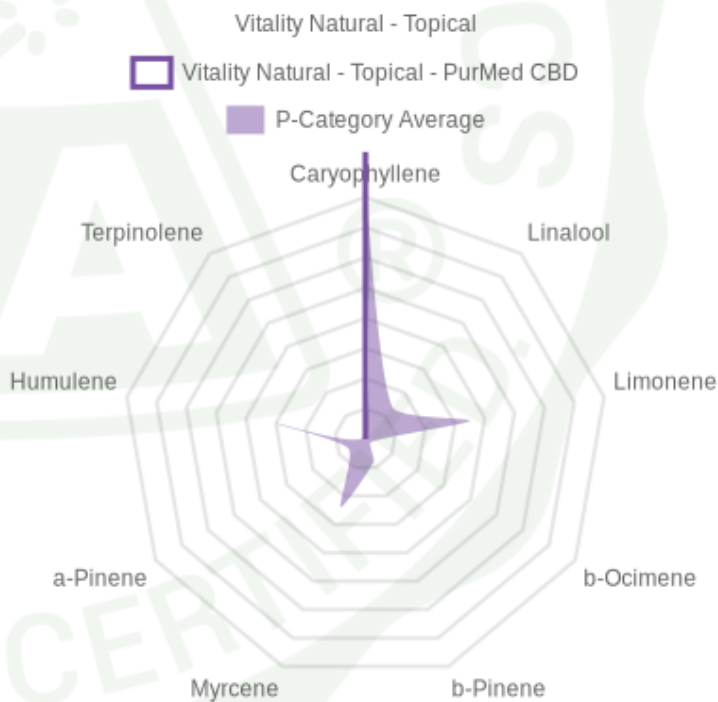
Solvents
✓ PASS

Water Activity
NT

Cannabinoid Profile



Strain Compass



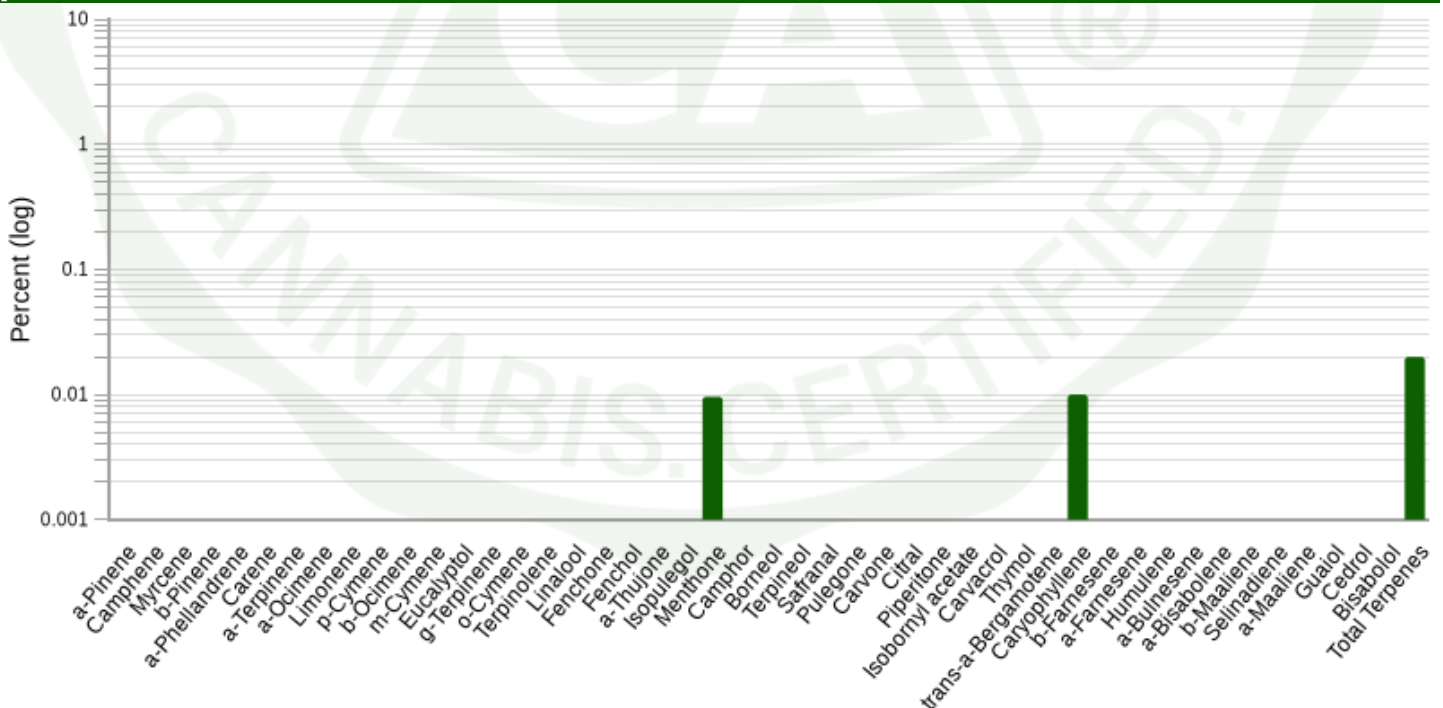
Visit StrainDataProject.org to learn more



Certificate of Analysis
Batch #: WA-250223-036, **ID:** WA-250223-036,
Sample Name: Vitality Natural - Topical - PurMed CBD, **Type:** Topical,
Origin: Vitality Natural (License No.: n/a)

**Cannabinoids - Potency****2025-02-25**

Analyte Name	%	mg/g	mg/serving	mg/package	LoD/LoQ (%)
Total Cannabinoids	0.93	9.3	860	N/A	N/A / N/A
Total THC	ND	ND	N/A	N/A	N/A / N/A
Total CBD	0.93	9.3	860	N/A	N/A / N/A
d9-thc	ND	ND	N/A	N/A	0.01 / 0.01
d9-thca	ND	ND	N/A	N/A	0.01 / 0.01
cbd	0.93	9.3	860	N/A	0.01 / 0.01
cbda	ND	ND	N/A	N/A	0.01 / 0.01
cbc	ND	ND	N/A	N/A	0.01 / 0.021
cbca	ND	ND	N/A	N/A	0.01 / 0.021
cbdV	ND	ND	N/A	N/A	0.01 / 0.021
cbdva	ND	ND	N/A	N/A	0.01 / 0.021
cbg	ND	ND	N/A	N/A	0.01 / 0.021
cbga	ND	ND	N/A	N/A	0.01 / 0.021
cbl	ND	ND	N/A	N/A	0.01 / 0.021
cbn	ND	ND	N/A	N/A	0.01 / 0.021
cbna	ND	ND	N/A	N/A	0.01 / 0.021
cbt	ND	ND	N/A	N/A	0.01 / 0.021
d8-thc	ND	ND	N/A	N/A	0.01 / 0.021
d9-thcv	ND	ND	N/A	N/A	0.01 / 0.021
d9-thcva	ND	ND	N/A	N/A	0.01 / 0.021

Terpene Profile



Certificate of Analysis

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Terpenes³

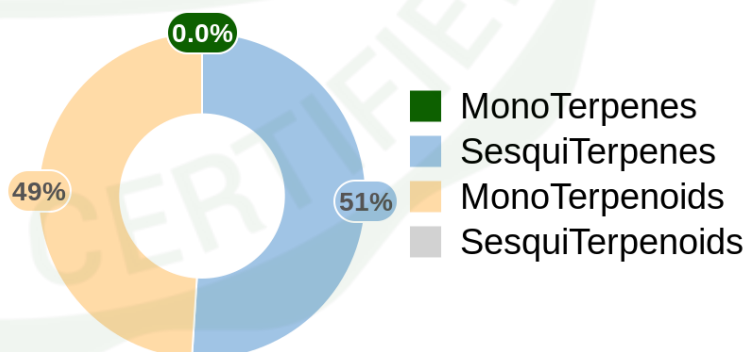
2025-02-25

Analyte Name	Result (ppm)	Iod/loq (ppm)	
a-bisabolene ²	ND	83 / 170	PASS
a-bulnesene ²	ND	83 / 170	PASS
a-farnesene ²	ND	83 / 170	PASS
a-maaliene ²	ND	83 / 170	PASS
a-ocimene	ND	83 / 170	PASS
a-phellandrene	ND	83 / 170	PASS
a-pinene	ND	83 / 170	PASS
a-terpinene	ND	83 / 170	PASS
a-thujone	ND	83 / 170	PASS
b-farnesene	ND	170 / 330	PASS
b-maaliene ²	ND	83 / 170	PASS
b-ocimene	ND	83 / 170	PASS
b-pinene	ND	83 / 170	PASS
bisabolol	ND	83 / 170	PASS
borneol	ND	330 / 670	PASS
camphene	ND	83 / 170	PASS
camphor	ND	83 / 170	PASS
carene	ND	83 / 170	PASS
carvacrol	ND	83 / 170	PASS
carvone	ND	83 / 170	PASS
caryophyllene	<LOQ	83 / 170	PASS
cedrol	ND	83 / 170	PASS
citral	ND	170 / 330	PASS
eucalyptol	ND	83 / 170	PASS
fenchol	ND	170 / 330	PASS
fenchone	ND	83 / 170	PASS
g-terpinene	ND	83 / 170	PASS
guaial	ND	83 / 170	PASS
humulene	ND	83 / 170	PASS
isobornyl acetate	ND	83 / 170	PASS

Terpenes continued

Analyte Name	Result (ppm)	Iod/loq (ppm)	
isopulegol	ND	170 / 330	PASS
limonene	ND	83 / 170	PASS
linalool	ND	83 / 170	PASS
m-cymene	ND	83 / 170	PASS
menthone	<LOQ	83 / 170	PASS
myrcene	ND	170 / 330	PASS
o-cymene	ND	83 / 170	PASS
p-cymene	ND	83 / 170	PASS
piperitone	ND	83 / 170	PASS
pulegone	ND	170 / 330	PASS
safranal	ND	83 / 170	PASS
selinadiene ²	ND	83 / 170	PASS
terpineol	ND	83 / 170	PASS
terpinolene	ND	83 / 170	PASS
thymol	ND	83 / 170	PASS
trans-a-bergamotene ²	ND	83 / 170	PASS
total terpenes ²	200	NA / NA	PASS

Most to Least Volatile





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GCMS Pesticides 2025-02-25							
Analyte Name (ppm)	Result	LoD/LoQ/AL	(Pass/Fail)				
chlorfenapyr	ND	0.75 / 0.75 / 1	Pass	propiconazole	ND	0.15 / 0.15 / 0.4	Pass
chlorpyrifos	ND	0.15 / 0.15 / 0.2	Pass	propoxur	ND	0.08 / 0.08 / 0.2	Pass
cyfluthrin	ND	0.75 / 0.75 / 1	Pass	pyrethrin i	ND	0.08 / 0.08 / 1	Pass
cypermethrin	ND	0.75 / 0.75 / 1	Pass	pyrethrin ii	ND	0.04 / 0.08 / 1	Pass
methyl parathion	ND	0.15 / 0.15 / 0.2	Pass	pyridaben	ND	0.04 / 0.08 / 0.2	Pass
mgk 264 a	ND	0.1 / 0.1 / 0.2	Pass	spinosad a	ND	0.02 / 0.04 / 0.2	Pass
mgk 264 b	ND	0.1 / 0.1 / 0.2	Pass	spinosad d	ND	0.02 / 0.04 / 0.2	Pass
total mgk 264	ND	N/A / N/A / 0.2	Pass	spiromesifen	ND	0.04 / 0.08 / 0.2	Pass
Heavy Metals 2025-02-25				spirotetramat	ND	0.04 / 0.08 / 0.2	Pass
Analyte Name (ppm)	Result	LoD/LoQ/AL	(Pass/Fail)	spiroxamine	ND	0.04 / 0.08 / 0.4	Pass
as	ND	1 / 1 / 2	Pass	tebuconazole	ND	0.04 / 0.08 / 0.4	Pass
cd	ND	0.4 / 0.4 / 0.82	Pass	thiacloprid	ND	0.04 / 0.08 / 0.2	Pass
hg	ND	0.3 / 0.3 / 0.4	Pass	thiamethoxam	ND	0.04 / 0.08 / 0.2	Pass
pb	ND	0.5 / 0.5 / 1.2	Pass	trans-permethrin	ND	0.04 / 0.08 / 0.2	Pass
LCMS Pesticides 2025-02-25				trifloxystrobin	ND	0.08 / 0.08 / 0.2	Pass
Analyte Name (ppm)	Result	LoD/LoQ/AL	(Pass/Fail)	total abamectin	ND	N/A / N/A / 0.5	Pass
acephate	ND	0.04 / 0.08 / 0.4	Pass	total permethrins	ND	N/A / N/A / 0.2	Pass
acequinocyl	ND	0.48 / 0.48 / 2	Pass	total pyrethrins	ND	N/A / N/A / 1	Pass
acetamiprid	ND	0.04 / 0.08 / 0.2	Pass	total spinosads	ND	N/A / N/A / 0.2	Pass
aldicarb	ND	0.04 / 0.08 / 0.4	Pass	Microbial 2025-02-25			
avermectin b1a	ND	0.08 / 0.08 / 0.5	Pass	Analyte Name (CFU/g)	Result	LoD/LoQ/AL	(Pass/Fail)
avermectin b1b	ND	0.08 / 0.08 / 0.5	Pass	btgn	ND	5000 / 5000 / 10000	Pass
azoxystrobin	ND	0.04 / 0.08 / 0.2	Pass	e coli	ND	N/A / N/A / N/A	Pass
bifenazate	ND	0.04 / 0.04 / 0.2	Pass	salmonella	ND	N/A / N/A / N/A	Pass
bifenthrin	ND	0.02 / 0.04 / 0.2	Pass	Mycotoxins 2025-02-25			
boscalid	ND	0.04 / 0.08 / 0.4	Pass	Analyte Name (ppb)	Result	LoD/LoQ/AL	(Pass/Fail)
carbaryl	ND	0.04 / 0.08 / 0.2	Pass	aflatoxin b1	ND	5 / 5 / 20	Pass
carbofuran	ND	0.04 / 0.08 / 0.2	Pass	aflatoxin b2	ND	5 / 5 / 20	Pass
chlorantraniliprole	ND	0.04 / 0.08 / 0.2	Pass	aflatoxin g1	ND	5 / 5 / 20	Pass
cis-permethrin	ND	0.04 / 0.08 / 0.2	Pass	aflatoxin g2	ND	5 / 5 / 20	Pass
clofentezine	ND	0.04 / 0.08 / 0.2	Pass	ochratoxin a	ND	10 / 10 / 20	Pass
daminozide	ND	0.24 / 0.48 / 1	Pass	total aflatoxins	ND	N/A / N/A / 20	Pass
diazinon	ND	0.04 / 0.08 / 0.2	Pass	Residual Solvents 2025-02-25			
dichlorvos	ND	0.075 / 0.075 / 0.1	Pass	Analyte Name (ppm)	Result	LoD/LoQ/AL	(Pass/Fail)
dimethoate	ND	0.04 / 0.08 / 0.2	Pass	2,2-dimethylbutane	ND	20 / 20 / 290	Pass
ethoprophos	ND	0.04 / 0.08 / 0.2	Pass	2,3-dimethylbutane ²	ND	20 / 20 / 290	Pass
etofenprox	ND	0.04 / 0.08 / 0.4	Pass	2-methylpentane	ND	20 / 20 / 290	Pass
etoxazole	ND	0.04 / 0.08 / 0.2	Pass	3-methylpentane	ND	20 / 20 / 290	Pass
fenoxycarb	ND	0.04 / 0.08 / 0.2	Pass	acetone	ND	500 / 500 / 5000	Pass
fenpyroximate	ND	0.04 / 0.08 / 0.4	Pass	benzene	ND	1 / 1 / 2	Pass
fipronil	ND	0.08 / 0.08 / 0.4	Pass	chloroform	ND	1 / 1 / 2	Pass
flonicamid	ND	0.24 / 0.48 / 1	Pass	cyclohexane	ND	50 / 50 / 3880	Pass
fludioxonil	ND	0.04 / 0.08 / 0.4	Pass	dichloromethane	ND	20 / 20 / 600	Pass
hexythiazox	ND	0.08 / 0.16 / 1	Pass	ethanol	ND	500 / 500 / 5000	Pass
imazalil	ND	0.04 / 0.08 / 0.2	Pass	ethyl acetate	ND	50 / 50 / 5000	Pass
imidacloprid	ND	0.04 / 0.04 / 0.4	Pass	iso-butane	ND	50 / 50 / 5000	Pass
kresoxim-methyl	ND	0.08 / 0.08 / 0.4	Pass	iso-pentane	ND	50 / 50 / 5000	Pass
malathion	ND	0.04 / 0.08 / 0.2	Pass	iso-propanol	ND	500 / 500 / 5000	Pass
metalaxyl	ND	0.08 / 0.08 / 0.2	Pass	meta/para-xylene	ND	50 / 50 / 2170	Pass
methiocarb	ND	0.04 / 0.08 / 0.2	Pass	methanol	ND	500 / 500 / 3000	Pass
methomyl	ND	0.04 / 0.08 / 0.4	Pass	n-butane	ND	50 / 50 / 5000	Pass
myclobutanil	ND	0.04 / 0.04 / 0.2	Pass	n-heptane	ND	50 / 50 / 5000	Pass
naled	ND	0.04 / 0.08 / 0.5	Pass	n-hexane	ND	20 / 20 / 290	Pass
oxamyl	ND	0.04 / 0.08 / 1	Pass	n-pentane	ND	50 / 50 / 5000	Pass
paclobutrazol	ND	0.04 / 0.04 / 0.4	Pass	neopentane ²	ND	50 / 50 / 5000	Pass
phosmet	ND	0.04 / 0.08 / 0.2	Pass	ortho-xylene	ND	50 / 50 / 2170	Pass
piperonyl butoxide	ND	0.04 / 0.08 / 2	Pass	propane	ND	50 / 50 / 5000	Pass
prallethrin	ND	0.04 / 0.08 / 0.2	Pass	toluene	ND	50 / 50 / 890	Pass
				total butanes	ND	N/A / N/A / 5000	Pass
				total heptanes	ND	N/A / N/A / 5000	Pass



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total hexanes ²	ND	N/A / N/A / 290	Pass
total pentanes ²	ND	N/A / N/A / 5000	Pass
total propanes	ND	N/A / N/A / 5000	Pass
total xylenes	ND	N/A / N/A / 2170	Pass

[END OF ANALYTES]





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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:

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

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

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: Cristi Crofton

Material Amendments

No material amendments recorded for this sample.