



Confidence Analytics[®]

Cannabis Analytical Chemistry Laboratory

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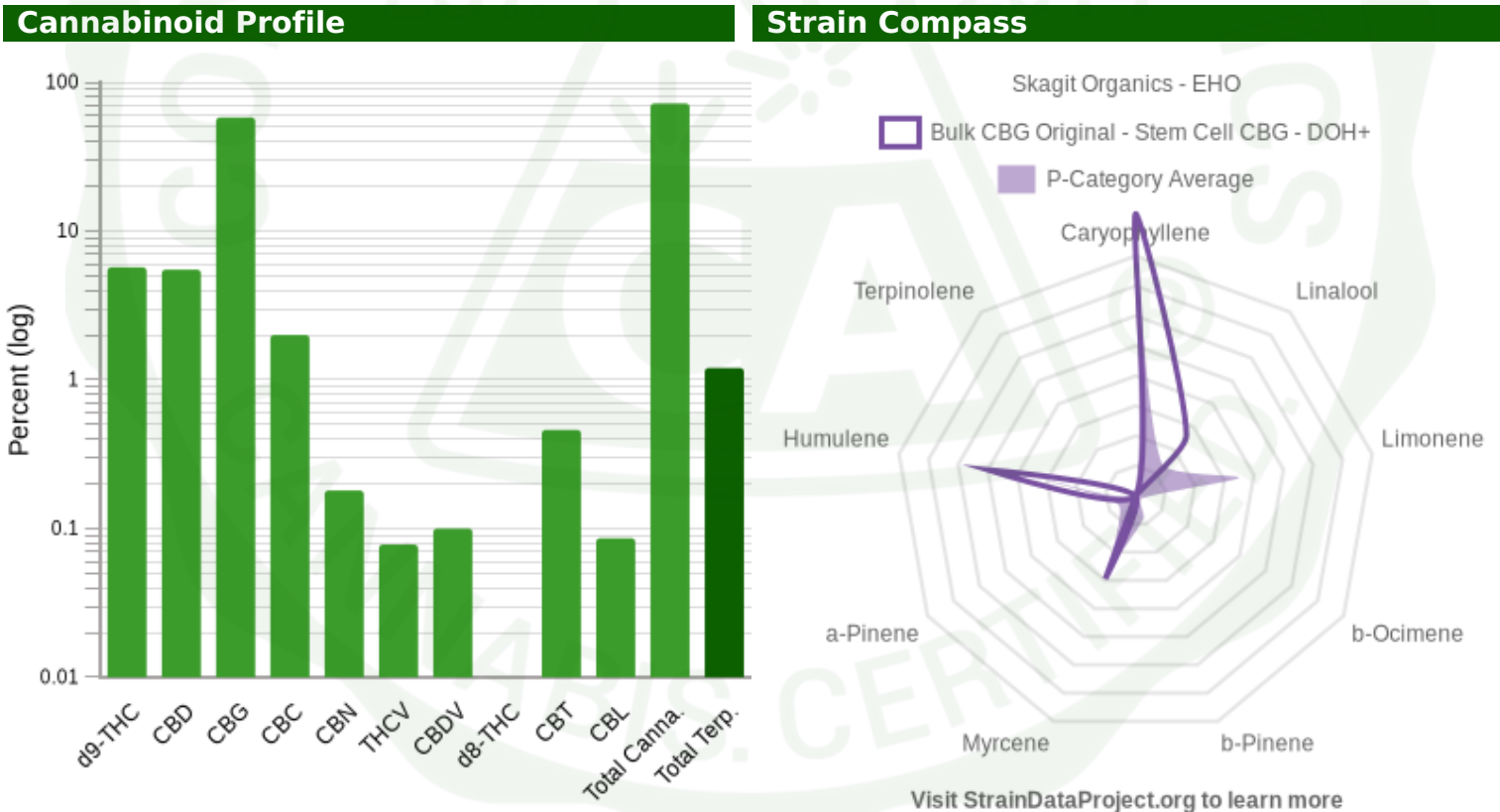


Origin		Sample Demographics		
Skagit Organics 16915 Sr 20 Mount Vernon, Wa 98273 License #: 412843		Name: Bulk CBG Original - Stem Cell CBG - DOH+		
Parent Batch ID: 17379234357446824		Product Type: EHO	Date of Collection: N/A	Serving / Package Wt: N/A / N/A
Parent Batch Size: N/A		Origin Sample ID: 17379234357446824	Date of Receipt: 2024-11-19	Density: N/A
		Lab Sample ID: WA-241119-001	Date of Completion: 2024-11-26	Batch Pass/Fail: ✓ PASS

Cannabinoid Analysis - summary		
Total d9-THC: 5.7% 57mg/g	Total CBD: 5.5% 55mg/g	Total Cannabinoids: 72%

Terpene Analysis - summary				
Total Terpenes: 1.2 %	Top Three:	Bisabolol: 0.44 %	Guaiol: 0.19 %	Caryophyllene: 0.097 %

Safety Analysis - summary						
Foreign Matter NT	Heavy Metals ✓ PASS	Microbial NT	Mycotoxins ✓ PASS	Pesticides ✓ PASS	Solvents ✓ PASS	Water Activity NT

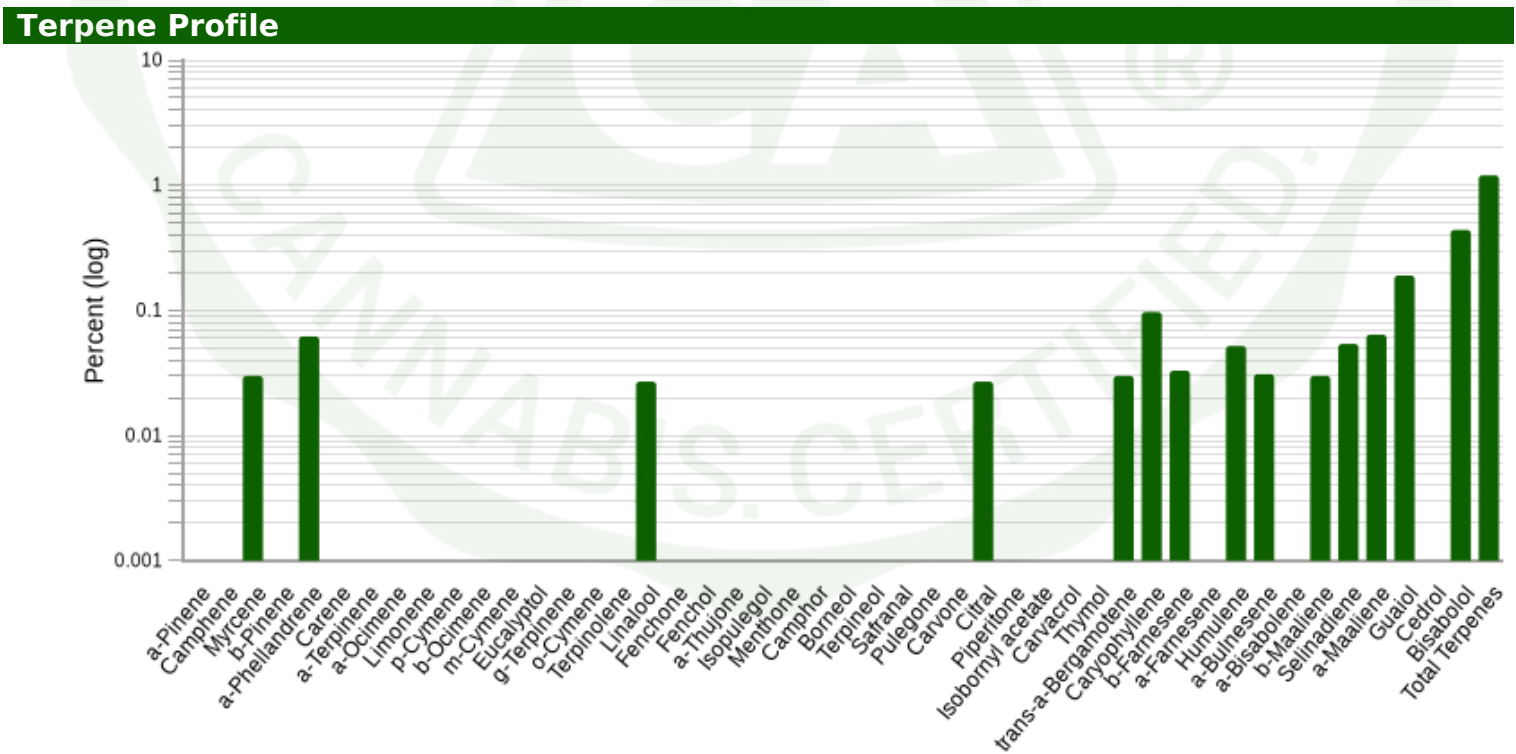




Certificate of Analysis
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Sample Name: Bulk CBG Original - Stem Cell CBG - DOH+, Type: EHO,
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Cannabinoids - Potency					2024-11-26
Analyte Name	%	mg/g	mg/serving	mg/package	LoD/LoQ (%)
Total Cannabinoids	72	720	N/A	N/A	N/A / N/A
Total THC	5.7	57	N/A	N/A	N/A / N/A
Total CBD	5.5	55	N/A	N/A	N/A / N/A
d9-thc	5.7	57	N/A	N/A	0.066 / 0.066
d9-thca	ND	ND	N/A	N/A	0.066 / 0.066
cbd	5.5	55	N/A	N/A	0.066 / 0.066
cbda	ND	ND	N/A	N/A	0.066 / 0.066
cbc	2	20	N/A	N/A	0.066 / 0.13
cbca	ND	ND	N/A	N/A	0.066 / 0.13
cbdV	<LOQ	<LOQ	N/A	N/A	0.066 / 0.13
cbdva	ND	ND	N/A	N/A	0.066 / 0.13
cbg	58	580	N/A	N/A	0.066 / 0.13
cbga	ND	ND	N/A	N/A	0.066 / 0.13
cbl	<LOQ	<LOQ	N/A	N/A	0.066 / 0.13
cbn	0.18	1.8	N/A	N/A	0.066 / 0.13
cbna	ND	ND	N/A	N/A	0.066 / 0.13
cbt	0.46	4.6	N/A	N/A	0.066 / 0.13
d8-thc	ND	ND	N/A	N/A	0.066 / 0.13
d9-thcv	<LOQ	<LOQ	N/A	N/A	0.066 / 0.13
d9-thcva	ND	ND	N/A	N/A	0.066 / 0.13





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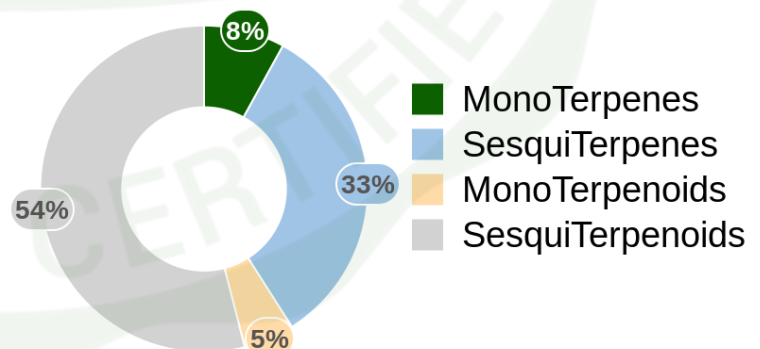
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Terpenes				2024-11-25				Terpenes continued			
Analyte Name	Result (ppm)	Iod/loq (ppm)			Analyte Name	Result (ppm)	Iod/loq (ppm)				
a-bisabolene ²	ND	270 / 530		PASS	isopulegol	ND	270 / 530		PASS		
a-bulnesene ²	<LOQ	270 / 530		PASS	limonene	ND	270 / 530		PASS		
a-farnesene ²	ND	270 / 530		PASS	linalool	<LOQ	270 / 530		PASS		
a-maaliene ²	640	270 / 530		PASS	m-cymene	ND	270 / 530		PASS		
a-ocimene	ND	270 / 530		PASS	menthone	ND	270 / 530		PASS		
a-phellandrene	620	270 / 530		PASS	myrcene	<LOQ	270 / 530		PASS		
a-pinene	ND	270 / 530		PASS	o-cymene	ND	270 / 530		PASS		
a-terpinene	ND	270 / 530		PASS	p-cymene	ND	270 / 530		PASS		
a-thujone	ND	270 / 530		PASS	piperitone	ND	270 / 530		PASS		
b-farnesene	<LOQ	270 / 530		PASS	pulegone	ND	270 / 530		PASS		
b-maaliene ²	<LOQ	270 / 530		PASS	safranal	ND	270 / 530		PASS		
b-ocimene	ND	270 / 530		PASS	selinadiene ²	540	270 / 530		PASS		
b-pinene	ND	270 / 530		PASS	terpineol	ND	270 / 530		PASS		
bisabolol	4400	270 / 530		PASS	terpinolene	ND	270 / 530		PASS		
borneol	ND	1100 / 2100		PASS	thymol	ND	270 / 530		PASS		
camphene	ND	270 / 530		PASS	trans-a-bergamotene ²	<LOQ	270 / 530		PASS		
camphor	ND	270 / 530		PASS	total terpenes ²	12000	NA / NA		PASS		
carene	ND	270 / 530		PASS							
carvacrol	ND	270 / 530		PASS							
carvone	ND	270 / 530		PASS							
caryophyllene	970	270 / 530		PASS							
cedrol	ND	270 / 530		PASS							
citral	<LOQ	270 / 530		PASS							
eucalyptol	ND	270 / 530		PASS							
fenchol	ND	270 / 530		PASS							
fenchone	ND	270 / 530		PASS							
g-terpinene	ND	270 / 530		PASS							
guaiol	1900	270 / 530		PASS							
humulene	<LOQ	270 / 530		PASS							
isobornyl acetate	ND	270 / 530		PASS							

Most to Least Volatile





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GCMS Pesticides 2024-11-25							
Analyte Name (ppm)	Result	LoD/LoQ/AL	(Pass/Fail)				
chlorfenapyr	ND	0.48 / 0.48 / 1	Pass	prallethrin	ND	0.04 / 0.08 / 0.2	Pass
chlorpyrifos	ND	0.08 / 0.08 / 0.2	Pass	propiconazole	ND	0.08 / 0.08 / 0.4	Pass
cyfluthrin	ND	0.48 / 0.48 / 1	Pass	propoxur	ND	0.08 / 0.08 / 0.2	Pass
cypermethrin	ND	0.75 / 0.75 / 1	Pass	pyrethrin i	ND	0.08 / 0.08 / 1	Pass
methyl parathion	ND	0.16 / 0.16 / 0.2	Pass	pyrethrin ii	ND	0.04 / 0.08 / 1	Pass
mgk 264 a	ND	0.05 / 0.05 / 0.2	Pass	pyridaben	ND	0.04 / 0.08 / 0.2	Pass
mgk 264 b	ND	0.05 / 0.05 / 0.2	Pass	spinosad a	ND	0.02 / 0.04 / 0.2	Pass
ortho-para-DDE	ND	0.08 / 0.08 / 0.1	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 2024-11-25				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 2024-11-25				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	Mycotoxins 2024-11-25			
avermectin b1a	ND	0.08 / 0.08 / 0.5	Pass	Analyte Name (ppb)	Result	LoD/LoQ/AL	(Pass/Fail)
avermectin b1b	ND	0.08 / 0.08 / 0.5	Pass	aflatoxin b1	ND	5 / 5 / 20	Pass
azoxystrobin	ND	0.04 / 0.08 / 0.2	Pass	aflatoxin b2	ND	5 / 5 / 20	Pass
bifenazate	ND	0.04 / 0.04 / 0.2	Pass	aflatoxin g1	ND	5 / 5 / 20	Pass
bifenthrin	ND	0.02 / 0.04 / 0.2	Pass	aflatoxin g2	ND	5 / 5 / 20	Pass
boscalid	ND	0.04 / 0.08 / 0.4	Pass	ochratoxin a	ND	10 / 10 / 20	Pass
carbaryl	ND	0.04 / 0.08 / 0.2	Pass	total aflatoxins	ND	N/A / N/A / 20	Pass
carbofuran	ND	0.04 / 0.08 / 0.2	Pass	Residual Solvents 2024-11-25			
chlorantraniliprole	ND	0.04 / 0.08 / 0.2	Pass	Analyte Name (ppm)	Result	LoD/LoQ/AL	(Pass/Fail)
cis-permethrin	ND	0.04 / 0.08 / 0.2	Pass	2,2-dimethylbutane	ND	20 / 20 / 290	Pass
clofentezine	ND	0.04 / 0.08 / 0.2	Pass	2,3-dimethylbutane ²	ND	20 / 20 / 290	Pass
daminozide	ND	0.24 / 0.48 / 1	Pass	2-methylpentane	ND	20 / 20 / 290	Pass
diazinon	ND	0.04 / 0.08 / 0.2	Pass	3-methylpentane	ND	20 / 20 / 290	Pass
dichlorvos	ND	0.075 / 0.075 / 0.1	Pass	acetone	ND	500 / 500 / 5000	Pass
dimethoate	ND	0.04 / 0.08 / 0.2	Pass	benzene	ND	1 / 1 / 2	Pass
ethoprophos	ND	0.04 / 0.08 / 0.2	Pass	chloroform	ND	1 / 1 / 2	Pass
etofenprox	ND	0.04 / 0.08 / 0.4	Pass	cyclohexane	ND	50 / 50 / 3880	Pass
etoxazole	ND	0.04 / 0.08 / 0.2	Pass	dichloromethane	ND	20 / 20 / 600	Pass
fenoxycarb	ND	0.04 / 0.08 / 0.2	Pass	ethanol	540	500 / 500 / 5000	Pass
fenpyroximate	ND	0.04 / 0.08 / 0.4	Pass	ethyl acetate	ND	50 / 50 / 5000	Pass
fipronil	ND	0.08 / 0.08 / 0.4	Pass	iso-butane	ND	50 / 50 / 5000	Pass
flonicamid	ND	0.24 / 0.48 / 1	Pass	iso-pentane	ND	50 / 50 / 5000	Pass
fludioxonil	ND	0.04 / 0.08 / 0.4	Pass	iso-propanol	ND	500 / 500 / 5000	Pass
hexythiazox	ND	0.08 / 0.16 / 1	Pass	meta/para-xylene	ND	50 / 50 / 2170	Pass
imazalil	ND	0.04 / 0.08 / 0.2	Pass	methanol	ND	500 / 500 / 3000	Pass
imidacloprid	ND	0.04 / 0.04 / 0.4	Pass	n-butane	ND	50 / 50 / 5000	Pass
kresoxim-methyl	ND	0.08 / 0.08 / 0.4	Pass	n-heptane	ND	50 / 50 / 5000	Pass
malathion	ND	0.04 / 0.08 / 0.2	Pass	n-hexane	ND	20 / 20 / 290	Pass
metalaxyl	ND	0.08 / 0.08 / 0.2	Pass	n-pentane	ND	50 / 50 / 5000	Pass
methiocarb	ND	0.04 / 0.08 / 0.2	Pass	neopentane ²	ND	50 / 50 / 5000	Pass
methomyl	ND	0.04 / 0.08 / 0.4	Pass	ortho-xylene	ND	50 / 50 / 2170	Pass
myclobutanil	ND	0.04 / 0.04 / 0.2	Pass	propane	ND	50 / 50 / 5000	Pass
naled	ND	0.04 / 0.08 / 0.5	Pass	toluene	ND	50 / 50 / 890	Pass
oxamyl	ND	0.04 / 0.08 / 1	Pass	total butanes	ND	N/A / N/A / 5000	Pass
paclobutrazol	ND	0.04 / 0.04 / 0.4	Pass	total heptanes	ND	N/A / N/A / 5000	Pass
phosmet	ND	0.04 / 0.08 / 0.2	Pass	total hexanes ²	ND	N/A / N/A / 290	Pass
piperonyl butoxide	ND	0.04 / 0.08 / 2	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





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[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

¹Greater than ULOQ²Not 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.

