

**CERTIFICATE OF ANALYSIS**

	Test	Results	I-502 Limits	Status	Method
<b>Date Received:</b> 01/17/2024  <b>Client:</b> Root Down LLC  <b>Sample Type:</b> Cannabis Flower  <b>Sample Name:</b> S-0191404  <b>AR-Number:</b> R-0158916  <b>Client ID:</b> 412273  <b>UBI Number:</b> WSLCB  <b>Inventory ID:</b> 20456564812630356  <b>Product Name:</b> Hash Burger	Anisole	0.00 %			GC-FID
	$\alpha$ -Pinene	0.05 %			GC-FID
	Camphene	0.03 %			GC-FID
	Sabinene	0.00 %			GC-FID
	$\beta$ -Pinene	0.09 %			GC-FID
	Myrcene	1.06 %			GC-FID
	$\alpha$ -Phellandrene	0.00 %			GC-FID
	3-Carene	0.00 %			GC-FID
	$\alpha$ -Terpinene	0.00 %			GC-FID
	p-Cymene	0.00 %			GC-FID
	Limonene	0.56 %			GC-FID
	Eucalyptol	0.00 %			GC-FID
	Ocimene	0.00 %			GC-FID
	g-Terpinene	0.00 %			GC-FID
	Terpinolene	0.00 %			GC-FID
	Linalool	0.00 %			GC-FID
	Fenchol	0.09 %			GC-FID
	iso-Pulegol	0.00 %			GC-FID
	iso-Borneol	0.00 %			GC-FID
	Menthol	0.00 %			GC-FID
	Terpineol	0.06 %			GC-FID
	Citronellol	0.00 %			GC-FID
	Geraniol	0.01 %			GC-FID
	Anethol	0.00 %			GC-FID
	Carvacrol	0.00 %			GC-FID
	$\beta$ -Caryophyllene	0.44 %			GC-FID
	$\alpha$ -Humulene	0.21 %			GC-FID
	Nerolidol	0.10 %			GC-FID

**QA Officer:** Benjamin Hart

Results only apply to the sample tested and we have no way of verifying it represents the lot.

**Testing Technologies**

19834 Viking Ave NW Ste A  
Suite A Poulsbo, WA 98370

**Root Down LLC**

3830 E Boone Ave Spokane,  
WA 99202

	Test	Results	I-502 Limits	Status	Method
	β-Caryophyllene Oxide	0.00 %			GC-FID
	Cedrol	0.00 %			GC-FID
	Bisabolol	0.10 %			GC-FID
	Total Terpenes	2.80 %			
	D9-THC	0.6 %			UHPLC-DAD
	THC-A	27.3 %			UHPLC-DAD
	Total THC	24.5 %			
	CBN	0.0 %			UHPLC-DAD
	CBD	0.0 %			UHPLC-DAD
	CBD-A	0.1 %			UHPLC-DAD
	Total CBD	0.1 %			
	THC + CBD Total	24.6 %			
	Total Cannabinoids	28.0 %			
	Water Activity	0.55 aw	0.0 - 0.65	pass	Rotronic Probe
	Enterobacteriaceae	<20 CFU/g	0.0 - 10,000.0	pass	3M Petrifilm
	STEC	0 CFU/g	No Trace	pass	3M MDS
	Salmonella	0 CFU/g	No Trace	pass	3M MDS
	Total Aflatoxins	<3 ng/g	0.0 - 20.0	pass	LC/MS/MS
	Ochratoxin A	<3 ng/g	0.0 - 20.0	pass	LC/MS/MS
	Abamectin	N.D. ppm	0.0 - 0.5	pass	LC/MS/MS
	Acephate	N.D. ppm	0.0 - 0.4	pass	LC/MS/MS
	Acequinocyl	N.D. ppm	0.0 - 2.0	pass	LC/MS/MS
	Acetamiprid	N.D. ppm	0.0 - 0.2	pass	LC/MS/MS
	Aldicarb	N.D. ppm	0.0 - 0.4	pass	LC/MS/MS
	Azoxystrobin	N.D. ppm	0.0 - 0.2	pass	LC/MS/MS
	Bifenazate	N.D. ppm	0.0 - 0.2	pass	LC/MS/MS
	Bifenthrin	N.D. ppm	0.0 - 0.2	pass	LC/MS/MS
	Boscalid	N.D. ppm	0.0 - 0.4	pass	LC/MS/MS
	Carbaryl	N.D. ppm	0.0 - 0.2	pass	LC/MS/MS
	Carbofuran	N.D. ppm	0.0 - 0.2	pass	LC/MS/MS

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	Chlorantraniliprole	N.D. ppm	0.0 - 0.2	pass	LC/MS/MS
	Chlorfenapyr	N.D. ppm	0.0 - 1.0	pass	LC/MS/MS
	Chlorpyrifos	N.D. ppm	0.0 - 0.2	pass	LC/MS/MS
	Clofentezine	N.D. ppm	0.0 - 0.2	pass	LC/MS/MS
	Cyfluthrin	N.D. ppm	0.0 - 1.0	pass	LC/MS/MS
	Cypermethrin	N.D. ppm	0.0 - 1.0	pass	LC/MS/MS
	Daminozide	N.D. ppm	0.0 - 1.0	pass	LC/MS/MS
	Dichlorvos (DDVP)	N.D. ppm	0.0 - 0.1	pass	LC/MS/MS
	Diazinon	N.D. ppm	0.0 - 0.2	pass	LC/MS/MS
	Dimethoate	N.D. ppm	0.0 - 0.2	pass	LC/MS/MS
	Ethoprophos	N.D. ppm	0.0 - 0.2	pass	LC/MS/MS
	Etofenprox	N.D. ppm	0.0 - 0.4	pass	LC/MS/MS
	Etoxazole	N.D. ppm	0.0 - 0.2	pass	LC/MS/MS
	Fenoxycarb	N.D. ppm	0.0 - 0.2	pass	LC/MS/MS
	Fenpyroximate	N.D. ppm	0.0 - 0.4	pass	LC/MS/MS
	Fipronil	N.D. ppm	0.0 - 0.4	pass	LC/MS/MS
	Flonicamid	N.D. ppm	0.0 - 1.0	pass	LC/MS/MS
	Fludioxonil	N.D. ppm	0.0 - 0.4	pass	LC/MS/MS
	Hexythiazox	N.D. ppm	0.0 - 1.0	pass	LC/MS/MS
	Imazalil	N.D. ppm	0.0 - 0.2	pass	LC/MS/MS
	Imidacloprid	N.D. ppm	0.0 - 0.4	pass	LC/MS/MS
	Kresoxin-methyl	N.D. ppm	0.0 - 0.4	pass	LC/MS/MS
	Malathion	N.D. ppm	0.0 - 0.2	pass	LC/MS/MS
	Metalaxyl	N.D. ppm	0.0 - 0.2	pass	LC/MS/MS
	Methiocarb	N.D. ppm	0.0 - 0.2	pass	LC/MS/MS
	Methomyl	N.D. ppm	0.0 - 0.2	pass	LC/MS/MS
	Methyl parathion	N.D. ppm	0.0 - 0.2	pass	LC/MS/MS
	MGK-264	N.D. ppm	0.0 - 0.2	pass	LC/MS/MS
	Myclobutanil	N.D. ppm	0.0 - 0.2	pass	LC/MS/MS
	Naled	N.D. ppm	0.0 - 0.5	pass	LC/MS/MS

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	Oxamyl	N.D. ppm	0.0 - 1.0	pass	LC/MS/MS
	Paclobutrazol	N.D. ppm	0.0 - 0.4	pass	LC/MS/MS
	Permethrins (total)	N.D. ppm	0.0 - 0.2	pass	LC/MS/MS
	Phosemet	N.D. ppm	0.0 - 0.2	pass	LC/MS/MS
	Piperonyl Butoxide	N.D. ppm	0.0 - 2.0	pass	LC/MS/MS
	Prallethrin	N.D. ppm	0.0 - 0.2	pass	LC/MS/MS
	Propiconazole	N.D. ppm	0.0 - 0.4	pass	LC/MS/MS
	Propoxur	N.D. ppm	0.0 - 0.2	pass	LC/MS/MS
	Pyrethrins (Total)	N.D. ppm	0.0 - 1.0	pass	LC/MS/MS
	Pyridaben	N.D. ppm	0.0 - 0.2	pass	LC/MS/MS
	Spinosads (total)	N.D. ppm	0.0 - 0.2	pass	LC/MS/MS
	Spiromesifen	N.D. ppm	0.0 - 0.2	pass	LC/MS/MS
	Spirotetramat	N.D. ppm	0.0 - 0.2	pass	LC/MS/MS
	Spiroxamine	N.D. ppm	0.0 - 0.4	pass	LC/MS/MS
	Tebuconazole	N.D. ppm	0.0 - 0.4	pass	LC/MS/MS
	Thiacloprid	N.D. ppm	0.0 - 0.2	pass	LC/MS/MS
	Thiamethoxam	N.D. ppm	0.0 - 0.2	pass	LC/MS/MS
	Trifloxystrobin	N.D. ppm	0.0 - 0.2	pass	LC/MS/MS
	Stems	0.0 %	0.0 - 5.0	pass	
	Seeds or Other	0.0 %	0.0 - 2.0	pass	
	Hair, Insect Fragment, or Excreta	0.0 ct	=0	pass	

Laboratory ID: 3568-02

Date Tested: 01/19/2024

Published Date: 01/20/2024 23:10:29

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## TESTING SUMMARY

DATE RECEIVED: 7/8/2024  
DATE REPORTED: 7/17/2024

HEAVY METALS:	PASS
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## ANALYTICAL METHODS

» HEAVY METALS: ICP-MS

## ANALYTICAL INFO

### > HEAVY METALS

The estimation of uncertainty is: [Arsenic:  $\pm 0.12$  ppm, Cadmium  $\pm 0.10$  ppm, Lead  $\pm 0.11$  ppm, Mercury  $\pm 0.10$  ppm]. Heavy metals are not covered under 1502 Lab certification. All Heavy metals testing conforms to the WAC 314-55-103 Good Laboratory checklist and QA/QC requirements.



# Certificate of Analysis

Laboratory license: #0012 | (509) 981-2266 | 124 E. Rowan Spokane, WA  
www.greengrowerlabs.com



Sample ID: 20458147130808396

Origination:	ROOT DOWN	Sample Name:	Hash Burger
License:	412273	Type:	Flower Lot
Address:	3830 E BOONE AVE, SPOKANE, WA 992024505	Sampling Date:	7/8/2024

### > HEAVY METALS

Analyte	LIMIT ( $\mu\text{g/g}$ )	UNIT ( $\mu\text{g/g}$ )	
ARSENIC	2.0	< 0.20	ND
CADMIUM	0.82	< 0.20	ND
LEAD	1.2	< 0.55	ND
MERCURY	0.40	< 0.20	ND

Report amended to include heavy metal results 7.17.24 ggl  
This product has been tested by Green Grower Labs using validated testing methodologies and a quality system as required by state law. Values reported relate only to the product tested. Green Grower Labs makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Green Grower Labs. Flower samples are separated for the required field of testing, then homogenized before testing using liquid nitrogen. The results in this report relate only to the sample tested. All measurements have a degree of uncertainty. As required per WAC 314-55-103 the estimation of uncertainty has been calculated and reported here as a range. The range assumes a 95% confidence interval.

*Matt Heist*

Matt Heist  
Lab Director