

Prepared for:  
**ROCKY MOUNTAIN EXTRACTION SERVICES  
LLC**

861 AUTOMATION DRIVE  
WINDSOR, CO USA 80550

**LB-O-60705**

Batch ID or Lot Number: <b>AG-2508-RTB</b>	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 8
Reported: <b>11Aug2025</b>	Started: 07Aug2025	Received: 07Aug2025	

## Microbial Contaminants - Colorado Compliance

Test ID: T000309696

Methods: TM25 (qPCR) TM24, TM26,

TM27 (Culture Plating): Microbial

(Colorado Panel)

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10 <sup>2</sup> CFU/g	1.0x10 <sup>3</sup> - 1.5x10 <sup>5</sup>	None Detected	
Total Coliforms*	TM27: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	

## Final Approval



Theresa Goergen  
10Aug2025  
12:14:00 PM MDT



Brett Hudson  
11Aug2025  
03:05:00 PM MDT

PREPARED BY / DATE

APPROVED BY / DATE

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## Cannabinoids


Test ID: T000309693

Methods: TM14 (HPLC-DAD)

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	5.160	18.984	101.310	3.60	# of Servings = 1, Sample Weight=28.4g
Cannabichromenic Acid (CBCA)	4.720	17.364	ND	ND	
Cannabidiol (CBD)	17.439	45.461	4476.180	157.60	
Cannabidiolic Acid (CBDA)	17.886	46.627	ND	ND	
Cannabidivarin (CBDV)	4.124	10.752	18.420	0.60	
Cannabidivarinic Acid (CBDVA)	7.461	19.450	ND	ND	
Cannabigerol (CBG)	2.930	10.779	57.160	2.00	
Cannabigerolic Acid (CBGA)	12.247	45.059	ND	ND	
Cannabinol (CBN)	3.822	14.062	<LOQ	<LOQ	
Cannabinolic Acid (CBNA)	8.356	30.742	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	14.591	53.681	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	13.251	48.752	76.290	2.70	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	11.740	43.194	ND	ND	
Tetrahydrocannabivarin (THCV)	2.665	9.804	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	10.355	38.099	ND	ND	
<b>Total Cannabinoids</b>			<b>4729.360</b>	<b>166.50</b>	
Total Potential THC			76.290	2.70	
Total Potential CBD			4476.180	157.60	

## Final Approval

  
Samantha Smith  
12Aug2025  
05:40:00 PM MDT  
PREPARED BY / DATE

  
Danielle Alm  
12Aug2025  
05:41:00 PM MDT  
APPROVED BY / DATE

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## Mycotoxins - Colorado Compliance

Test ID: T000309699

Methods: TM18 (UHPLC-QQQ

LCMS/MS): Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	3.31 - 129.61	ND	N/A
Aflatoxin B1	0.90 - 33.43	ND	
Aflatoxin B2	0.90 - 33.18	ND	
Aflatoxin G1	1.06 - 33.24	ND	
Aflatoxin G2	1.00 - 33.47	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

### Final Approval



Danielle Alm  
13Aug2025  
05:03:00 AM MDT

PREPARED BY / DATE



Sam Smith  
13Aug2025  
05:19:00 AM MDT

APPROVED BY / DATE

Prepared for:  
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## Residual Solvents


Test ID: T000309698

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	102 - 2040	ND	
Butanes (Isobutane, n-Butane)	189 - 3774	ND	
Methanol	81 - 1625	ND	
Pentane	94 - 1884	ND	
Ethanol	100 - 2000	ND	
Acetone	101 - 2020	ND	
Isopropyl Alcohol	103 - 2053	ND	
Hexane	6 - 124	ND	
Ethyl Acetate	103 - 2062	ND	
Benzene	0.2 - 4.1	ND	
Heptanes	98 - 1959	ND	
Toluene	19 - 370	ND	
Xylenes (m,p,o-Xylenes)	133 - 2668	ND	

## Final Approval

  
Judith Marquez  
13Aug2025  
05:11:00 PM MDT  
PREPARED BY / DATE

  
Sam Smith  
13Aug2025  
05:14:00 PM MDT  
APPROVED BY / DATE

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## Pesticides


Test ID: T000309695

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	353 - 2631	ND		Malathion	333 - 2744	ND
Acephate	38 - 2612	ND		Metalaxyl	47 - 2711	ND
Acetamiprid	49 - 2612	ND		Methiocarb	59 - 2646	ND
Azoxystrobin	48 - 2674	ND		Methomyl	54 - 2644	ND
Bifenazate	46 - 2716	ND		MGK 264 1	193 - 1614	ND
Boscalid	56 - 2637	ND		MGK 264 2	107 - 1022	ND
Carbaryl	48 - 2740	ND		Myclobutanil	53 - 2621	ND
Carbofuran	51 - 2719	ND		Naled	65 - 2700	ND
Chlorantraniliprole	60 - 2620	ND		Oxamyl	50 - 2623	ND
Chlorpyrifos	53 - 2684	ND		Paclobutrazol	53 - 2711	ND
Clofentezine	350 - 2740	ND		Permethrin	323 - 2742	ND
Diazinon	352 - 2731	ND		Phosmet	60 - 2754	ND
Dichlorvos	341 - 2642	ND		Prophos	302 - 2678	ND
Dimethoate	56 - 2602	ND		Propoxur	50 - 2714	ND
E-Fenpyroximate	305 - 2826	ND		Pyridaben	330 - 2839	ND
Etofenprox	49 - 2848	ND		Spinosad A	38 - 2003	ND
Etoxazole	340 - 2831	ND		Spinosad D	83 - 744	ND
Fenoxycarb	50 - 2731	ND		Spiromesifen	296 - 2844	ND
Fipronil	38 - 2768	ND		Spirotetramat	331 - 2712	ND
Flonicamid	57 - 2661	ND		Spiroxamine 1	23 - 1172	ND
Fludioxonil	350 - 2667	ND		Spiroxamine 2	29 - 1428	ND
Hexythiazox	44 - 2848	ND		Tebuconazole	321 - 2703	ND
Imazalil	345 - 2699	ND		Thiacloprid	52 - 2604	ND
Imidacloprid	58 - 2629	ND		Thiamethoxam	54 - 2618	ND
Kresoxim-methyl	49 - 2698	ND		Trifloxystrobin	52 - 2700	ND

## Final Approval

  
Judith Marquez  
20Aug2025  
08:50:00 PM MDT  
PREPARED BY / DATE

  
Sam Smith  
20Aug2025  
08:48:00 PM MDT  
APPROVED BY / DATE

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Reported: <b>11Aug2025</b>	Started: 07Aug2025	Received: 07Aug2025	

## Heavy Metals - Colorado Compliance

Test ID: T000309697

Methods: TM19 (ICP-MS): Heavy

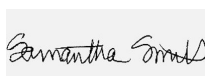
Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.66	ND	
Cadmium	0.05 - 4.60	ND	
Mercury	0.05 - 4.75	ND	
Lead	0.05 - 4.52	ND	

### Final Approval



Judith Marquez  
21Aug2025  
02:54:00 PM MDT

PREPARED BY / DATE



Sam Smith  
21Aug2025  
02:57:00 PM MDT

APPROVED BY / DATE

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**LB-O-60705**

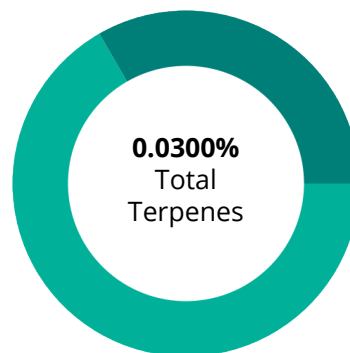
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## Terpenes

Test ID: T000309694

Methods: TM22 (GC-MS)

	%(w/w)	(mg/g)
(-)-alpha-Bisabolol	0.0000	0.0000
(-)-beta-Pinene	0.0000	0.0000
(-)-Caryophyllene Oxide	0.0000	0.0000
(-)-Isopulegol	0.0000	0.0000
alpha-Humulene	0.0100	0.100
alpha-Pinene	0.0000	0.0000
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.0200	0.200
beta-Myrcene	0.0000	0.0000
beta-Ocimene	0.0000	0.0000
Camphene	0.0000	0.0000
cis-Nerolidol	0.0000	0.0000
d-Limonene	0.0000	0.0000
delta-3-Carene	0.0000	0.0000
Eucalyptol	0.0000	0.0000
gamma-Terpinene	0.0000	0.0000
Geraniol	0.0000	0.0000
Linalool	0.0000	0.0000
Ocimene	0.0000	0.0000
p-Cymene	0.0000	0.0000
Terpinolene	0.0000	0.000
trans-Nerolidol	0.0000	0.000
	<b>0.0300</b>	<b>0.3000</b>



### PREDOMINANT TERPENES

(-)-alpha-Bisabolol	0.0000
(-)-beta-Pinene	0.0000
alpha-Humulene	0.0100
alpha-Pinene	0.0000
alpha-Terpinene	0.0000
beta-Caryophyllene	0.0200
beta-Myrcene	0.0000
d-Limonene	0.0000
delta-3-Carene	0.0000
Linalool	0.0000


### Notes

### Final Approval



Judith Marquez  
27Aug2025  
01:46:00 PM MDT

PREPARED BY / DATE



Sam Smith  
27Aug2025  
03:02:00 PM MDT

APPROVED BY / DATE

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<https://results.botanacor.com/api/v1/coas/uuid/bf4b2de5-afe6-478b-af5e-f2e5cf93c0cd>

## Definitions

LOD = Limit of Detection, ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation, PPB = Parts per Billion, % = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method). Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa  $\times$  (0.877)) and Total CBD = CBD + (CBDa  $\times$  (0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or - the measurement uncertainty. Total Potential THC is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step. Total THC = THC + (THCa  $\times$  (0.877)). ALOQ = Above Limit Of Quantitation (defined by dynamic range of the method), CFU/g = Colony Forming Units per Gram. Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form. Examples:  $10^2$  = 100 CFU,  $10^3$  = 1,000 CFU,  $10^4$  = 10,000 CFU,  $10^5$  = 100,000 CFU.

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological. Some tests listed on this COA may not be within our scope of A2LA accreditation. Please visit [A2LA for more details](#).



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