



Certificate of Analysis

Laboratory Sample ID: TE40906002-019



Production Method: Cured
Batch#: BLBR240603
Harvest Date: 08/19/24
Sample Size Received: 24.27 gram
Total Amount: 7 gram
Retail Product Size: 10 gram
Retail Serving Size: 10 gram
Servings: 1
Ordered: 09/06/24
Sampled: 09/06/24
Sample Collection Time: 03:15 PM
Completed: 09/10/24


Sep 10, 2024 | Project Packs
 License # 00000084ESFH12297246
 2239 N Black Canyon Hwy
 Phoenix, AZ, 85009, US

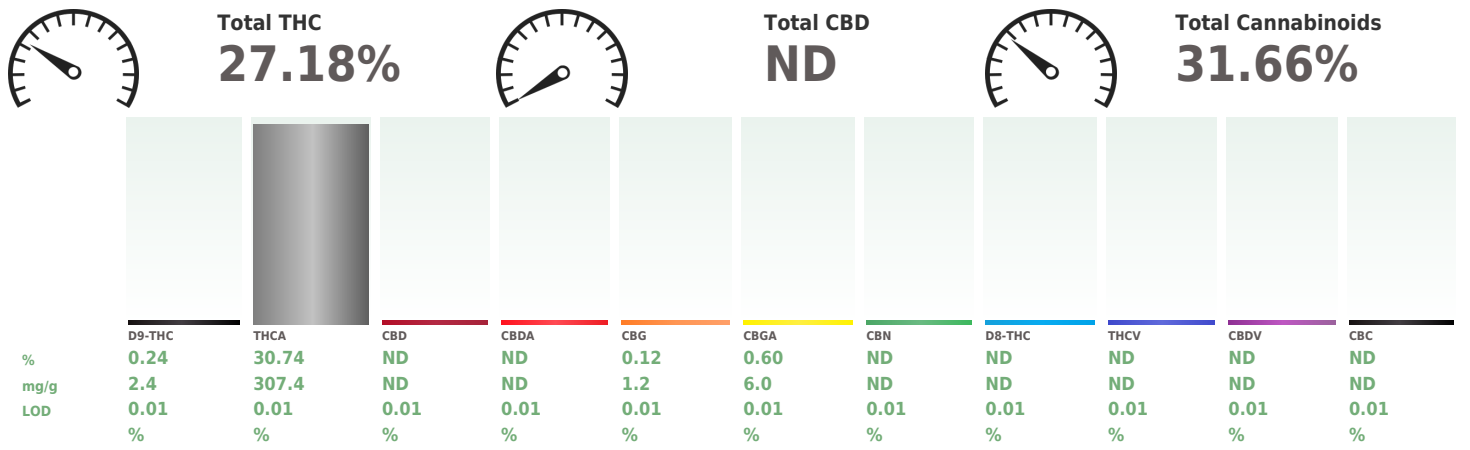
PASSED

Pages 1 of 6

SAFETY RESULTS

 Pesticides PASSED	 Heavy Metals PASSED	 Microbials PASSED	 Mycotoxins PASSED	 Residuals Solvents NOT TESTED	 Filtration NOT TESTED	 Water Activity NOT TESTED	 Moisture NOT TESTED	 MISC. Terpenes TESTED
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 **Cannabinoid** **PASSED**



Analyzed by: 312, 432, 272, 333 Weight: 0.1964g Extraction date: 09/10/24 11:48:35 Extracted by: 432,312
 Analysis Method : SOP.T.30.500, SOP.T.30.031, SOP.T.40.031
 Analytical Batch : TE005773POT Reviewed On : 09/10/24 15:19:05
 Instrument Used : TE-004 "Duke Leto" (Flower) Batch Date : 09/09/24 12:17:47
 Analyzed Date : 09/09/24 18:45:13

Dilution : 400
 Reagent : N/A
 Consumables : N/A
 Pipette : N/A

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with Photo Diode Array detector (HPLC-PDA) for analysis. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.031 for sample prep, SOP.T.40.031 for analysis on Shimadzu LC-20X0 series HPLCs). Potency results for cannabis flower products are reported on an "as received" basis, without moisture correction.

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Ariel Gonzales
 Lab Director

State License #
 0000024LCMD66604568
 ISO 17025 Accreditation # 97164



Signature
 09/10/24



Certificate of Analysis

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Project Packs

2239 N Black Canyon Hwy
Phoenix, AZ, 85009, US
Telephone: (530) 514-0500
Email: adam@projectpacks.co
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Terpenes

TESTED

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
TOTAL TERPENES	17.433	1.7433		<div style="width: 100%;"></div>	ALPHA-BISABOLOL	ND	ND		<div style="width: 0%;"></div>
LIMONENE	5.596	0.5596		<div style="width: 32%;"></div>	ALPHA-CEDRENE	ND	ND		<div style="width: 0%;"></div>
BETA-CARYOPHYLLENE	2.882	0.2882		<div style="width: 16%;"></div>	ALPHA-PHELLANDRENE	ND	ND		<div style="width: 0%;"></div>
BETA-MYRCENE	1.628	0.1628		<div style="width: 9%;"></div>	ALPHA-TERPINENE	ND	ND		<div style="width: 0%;"></div>
ALPHA-PINENE	1.446	0.1446		<div style="width: 8%;"></div>	CIS-NEROLIDOL	ND	ND		<div style="width: 0%;"></div>
OCIMENE	1.414	0.1414		<div style="width: 8%;"></div>	GAMMA-TERPINENE	ND	ND		<div style="width: 0%;"></div>
LINALOOL	1.285	0.1285		<div style="width: 7%;"></div>	GAMMA-TERPINEOL	ND	ND		<div style="width: 0%;"></div>
ALPHA-HUMULENE	1.228	0.1228		<div style="width: 7%;"></div>	TRANS-NEROLIDOL	ND	ND		<div style="width: 0%;"></div>
BETA-PINENE	1.155	0.1155		<div style="width: 6%;"></div>	Analyzed by: 334, 272, 333 Weight: 0.2521g Extraction date: 09/09/24 15:03:54 Extracted by: 334				
FENCHYL ALCOHOL	0.438	0.0438		<div style="width: 2%;"></div>	Analysis Method : SOP.T.30.500, SOP.T.30.064, SOP.T.40.064 Analytical Batch : TE005768TER Reviewed On : 09/10/24 16:42:11 Instrument Used : TE-096 "MS - Terpenes 1", TE-097 "AS - Terpenes 1", TE-093 "GC - Terpenes 1" Batch Date : 09/09/24 11:09:31 Analyzed Date : 09/09/24 15:04:11				
ALPHA-TERPINEOL	0.361	0.0361		<div style="width: 2%;"></div>	Dilution : 5 Reagent : 101723.21; 111122.01 Consumables : 947.155; H109203-1; 04304030; 8000031463; 20240202; 1; GD23001; 17315771 Pipette : N/A				
3-CARENE	ND	ND		<div style="width: 0%;"></div>	Terpenes screening is performed using GC-MS which can detect below single digit ppm concentrations. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.064 for sample prep, and SOP.T.40.064 for analysis via ThermoScientific 1310-series GC equipped with an AI 1310-series liquid injection autosampler and detection carried out by ISQ 7000-series mass spectrometer). Terpene results are reported on a wt/wt% basis. Testing result is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R9-17-317.01(A) or labeling requirements in R9-17-317. Nor, can it be used to satisfy marijuana establishment testing requirements in R9-18-311(A) or labeling requirements in R9-18-310 - Q3.				
BORNEOL	ND	ND		<div style="width: 0%;"></div>					
CAMPHENE	ND	ND		<div style="width: 0%;"></div>					
CAMPHOR	ND	ND		<div style="width: 0%;"></div>					
CARYOPHYLLENE OXIDE	ND	ND		<div style="width: 0%;"></div>					
CEDROL	ND	ND		<div style="width: 0%;"></div>					
EUCALYPTOL	ND	ND		<div style="width: 0%;"></div>					
FENCHONE	ND	ND		<div style="width: 0%;"></div>					
GERANIOL	ND	ND		<div style="width: 0%;"></div>					
GERANYL ACETATE	ND	ND		<div style="width: 0%;"></div>					
GUAJOL	ND	ND		<div style="width: 0%;"></div>					
ISOBORNEOL	ND	ND		<div style="width: 0%;"></div>					
ISOPULEGOL	ND	ND		<div style="width: 0%;"></div>					
MENTHOL	ND	ND		<div style="width: 0%;"></div>					
NEROL	ND	ND		<div style="width: 0%;"></div>					
PULEGONE	ND	ND		<div style="width: 0%;"></div>					
SABINENE	ND	ND		<div style="width: 0%;"></div>					
SABINENE HYDRATE	ND	ND		<div style="width: 0%;"></div>					
TERPINOLENE	ND	ND		<div style="width: 0%;"></div>					
VALENCENE	ND	ND		<div style="width: 0%;"></div>					
Total (%)		1.7430		<div style="width: 100%;"></div>					

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Ariel Gonzales

Lab Director

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Signature
09/10/24



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PASSED

Project Packs

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Phoenix, AZ, 85009, US
Telephone: (530) 514-0500
Email: adam@projectpacks.co
License # : 0000084ESFH12297246

Sample : TE40906002-019

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Sample Method : SOP Client Method

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Pesticides

PASSED

Pesticide	LOD	Units	Action Level	Pass/Fail	Result	Pesticide	LOD	Units	Action Level	Pass/Fail	Result
SPINOSAD	0.0060	ppm	0.2	PASS	ND	SPINOSAD	0.0060	ppm	0.2	PASS	ND
SPIROMESIFEN	0.0080	ppm	0.2	PASS	ND	SPIROMESIFEN	0.0080	ppm	0.2	PASS	ND
SPIROXAMINE	0.0040	ppm	0.4	PASS	ND	SPIROXAMINE	0.0040	ppm	0.4	PASS	ND
TEBUCONAZOLE	0.0060	ppm	0.2	PASS	ND	TEBUCONAZOLE	0.0060	ppm	0.2	PASS	ND
THIAMETHOXAM	0.0060	ppm	0.2	PASS	ND	THIAMETHOXAM	0.0060	ppm	0.2	PASS	ND
TRIFLOXYSTROBIN	0.0060	ppm	0.2	PASS	ND	TRIFLOXYSTROBIN	0.0060	ppm	0.2	PASS	ND
CHLORFENAPYR *	0.0270	ppm	1	PASS	ND	CHLORFENAPYR *	0.0270	ppm	1	PASS	ND
CYFLUTHRIN *	0.0150	ppm	1	PASS	ND	CYFLUTHRIN *	0.0150	ppm	1	PASS	ND
Analyzed by: 152, 272, 333						Weight: 0.5024g		Extraction date: 09/09/24 14:28:14		Extracted by: 410	
Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ						Reviewed On : 09/10/24 15:10:13 Batch Date : 09/09/24 11:15:04					
Analytical Batch : TE005769PES						Instrument Used : TE-118 "MS/MS Pest/Myco 1", TE-261 "UHPLC - Pest/Myco 2"					
Analyzed Date : 09/09/24 16:38:12						Dilution : 25 Reagent : 090324.R12; 081424.R31; 082724.R35; 090524.R14; 090524.R21; 073024.R30; 090624.R02; 090324.R13; 041823.06 Consumables : 947.155; 8000038072; 111423CH01; 220318-306-D; 1008645998; GD23001; 425240JF Pipette : TE-060 SN:20C35457 (20-200uL); TE-108 SN:20B18337 (100-1000uL)					
Pesticide screening is carried out using LC-MS/MS supplemented by GC-MS/MS for volatile pesticides. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.104.AZ for sample prep, and SOP.T.40.104.AZ for analysis on ThermoScientific Altis TSQ with Vanquish UHPLC).						Analyzed by: 152, 272, 333					
Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.154.AZ						Weight: 0.5024g		Extraction date: 09/09/24 14:28:14		Extracted by: 410	
Analytical Batch : TE005778VOL						Reviewed On : 09/10/24 15:02:41 Batch Date : 09/09/24 16:09:30					
Analyzed Date : 09/09/24 16:39:08						Dilution : 25 Reagent : 090324.R12; 081424.R31; 082724.R35; 090524.R14; 090524.R21; 073024.R30; 090624.R02; 090324.R13; 041823.06 Consumables : 947.155; 8000038072; 111423CH01; 220318-306-D; 1008645998; GD23001; 425240JF Pipette : TE-060 SN:20C35457 (20-200uL); TE-108 SN:20B18337 (100-1000uL)					
Supplemental pesticide screening using GC-MS/MS to quantitatively screen for Chlorfenapyr, Cyfluthrin, Cypermethrin, and Diazinon; as well as the qualitative confirmation of Dichlorvos, Permethrins, Piperonyl Butoxide, Prallethrin, Propiconazole, Pyrethrins, and Tebuconazole which are all quantitatively screened using LC-MS/MS. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.104.AZ for sample prep, and SOP.T.40.154.AZ for analysis using a ThermoScientific 1310-series GC equipped with a TriPlus RSH autosampler and detected on a TSQ 9000-series mass spectrometer).											

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
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Sample Method : SOP Client Method

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 Microbial PASSED						 Mycotoxins PASSED					
Analyte	LOD	Units	Result	Pass / Fail	Action Level	Analyte	LOD	Units	Result	Pass / Fail	Action Level
SALMONELLA SPP			Not Present in 1g	PASS		TOTAL AFLATOXINS	1.4870	ppb	ND	PASS	20
ASPERGILLUS FLAVUS			Not Present in 1g	PASS		AFLATOXIN B1	1.4700	ppb	ND	PASS	20
ASPERGILLUS FUMIGATUS			Not Present in 1g	PASS		AFLATOXIN B2	1.8000	ppb	ND	PASS	20
ASPERGILLUS NIGER			Not Present in 1g	PASS		AFLATOXIN G1	1.9000	ppb	ND	PASS	20
ASPERGILLUS TERREUS			Not Present in 1g	PASS		AFLATOXIN G2	3.2500	ppb	ND	PASS	20
ESCHERICHIA COLI REC	10.0000	CFU/g	<10	PASS	100	OCHRATOXIN A	4.6100	ppb	ND	PASS	20
Analyzed by: 87, 272, 333	Weight: 0.9141g	Extraction date: 09/10/24 10:33:02	Extracted by: 331			Analyzed by: 152, 272, 333	Weight: 0.5024g	Extraction date: 09/09/24 14:28:14	Extracted by: 410		
Analysis Method : SOP.T.40.056B, SOP.T.40.058.FL, SOP.T.40.208, SOP.T.40.209.AZ Analytical Batch : TE005766MIC Instrument Used : TE-234 "bioMerieux GENE-UP" Analyzed Date : N/A						Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ Analytical Batch : TE005777MYC Instrument Used : N/A Analyzed Date : 09/09/24 16:38:36					
Dilution : 10 Reagent : N/A Consumables : N/A Pipette : N/A						Dilution : 25 Reagent : 090324.R12; 081424.R31; 082724.R35; 090524.R14; 090524.R21; 073024.R30; 090624.R02; 090324.R13; 041823.06 Consumables : 947.155; 8000038072; 111423CH01; 220318-306-D; 1008645998; GD23001; 425240JF Pipette : TE-060 SN:20C35457 (20-200uL); TE-108 SN:20B18337 (100-1000uL)					

Aflatoxins B1, B2, G1, G2, and Ochratoxin A analysis using LC-MS/MS. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.104.AZ for sample prep, and SOP.T.40.104.AZ for analysis on ThermoScientific Altis TSQ with Vanquish UHPLC). Total Aflatoxins (sum of Aflatoxins B1, B2, G1, G2) must be <20µg/kg. Ochratoxin must be <20µg/kg.

 Heavy Metals PASSED	
Metal	LOD Units Result Pass / Fail Action Level
ARSENIC	0.0030 ppm ND PASS 0.4
CADMIUM	0.0020 ppm ND PASS 0.4
LEAD	0.0010 ppm ND PASS 1
MERCURY	0.0125 ppm ND PASS 0.2
Analyzed by: 398, 39, 272, 333	Weight: 0.2002g Extraction date: 09/09/24 17:43:21 Extracted by: 398
Analysis Method : SOP.T.30.500, SOP.T.30.084.AZ, SOP.T.40.084.AZ Analytical Batch : TE005775HEA Instrument Used : TE-307 "Ted", TE-310 "Ted AS", TE-309 "Ted Pump" Analyzed Date : N/A	
Dilution : 50 Reagent : 101723.14; 090324.R03; 090324.R01; 032724.07; 090624.01; 090922.04 Consumables : 111423CH01; 210705-306-D; 210725-598-D Pipette : TE-063 SN:20C50490 (20-200uL); TE-110 SN:20B18338 (100-1000uL)	

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals. (Methods: SOP.T.30.500 for sample homogenization, SOP.T.30.084.AZ for sample prep by microwave digestion, and SOP.T.40.084.AZ for analysis by ThermoScientific iCAP RQ ICP-MS).





1231 W. Warner Road, Suite 105
Tempe, AZ, 85284, US
(480) 220-4470

Kaycha Labs

.....
BLBR240603
Blizzard Berry
Matrix : Flower
Type: Cannabis Flower



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COMMENTS

* Confident Cannabis sample ID: 2409KLAZ0600.2503



* Cannabinoid TE40906002-019POT

1 - M3:D9-THC V1:D8-THC, THCa

* Volatile Pesticides TE40906002-019VOL

1 - M2: Chlorfenapyr.

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Blizzard Berry
Matrix : Flower
Type: Cannabis Flower



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