



Certificate of Analysis

Laboratory Sample ID: TE40906002-012



Production Method: Indoor
Batch#: STDG240603
Harvest Date: 08/19/24
Sample Size Received: 23.54 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

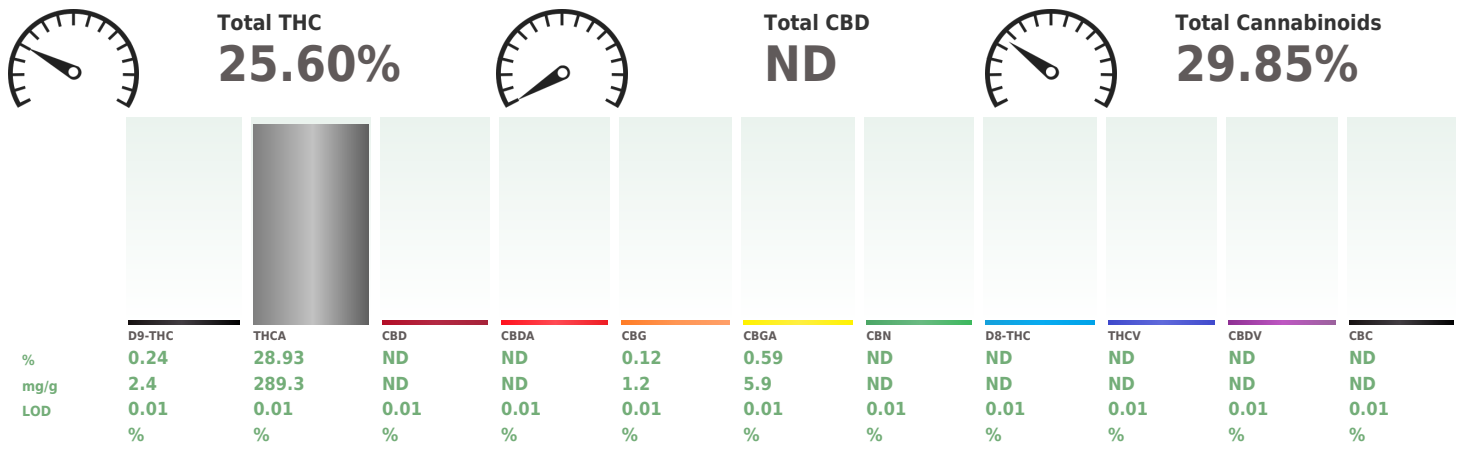
PASSED

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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	 Terpenes TESTED
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 **Cannabinoid** **PASSED**



Analyzed by: 432, 312, 272, 333 Analysis Method : SOP.T.30.500, SOP.T.30.031, SOP.T.40.031 Analytical Batch : TE005772POT Instrument Used : TE-004 "Duke Leto" (Flower) Analyzed Date : 09/09/24 18:25:47 Dilution : 400 Reagent : N/A Consumables : N/A Pipette : N/A	Weight: 0.1946g	Extraction date: 09/10/24 11:29:53	Reviewed On : 09/10/24 15:18:29 Batch Date : 09/09/24 12:16:24	Extracted by: 312
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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



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Project Packs

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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		14.995	1.4995	<div style="width: 100%;"></div>	ALPHA-CEDRENE	ND	ND		<div style="width: 0%;"></div>
LIMONENE	4.827	0.4827		<div style="width: 33%;"></div>	ALPHA-PHELLANDRENE	ND	ND		<div style="width: 0%;"></div>
BETA-CARYOPHYLLENE	2.593	0.2593		<div style="width: 17%;"></div>	ALPHA-TERPINENE	ND	ND		<div style="width: 0%;"></div>
BETA-MYRCENE	1.635	0.1635		<div style="width: 11%;"></div>	ALPHA-TERPINEOL	ND	ND		<div style="width: 0%;"></div>
ALPHA-PINENE	1.586	0.1586		<div style="width: 11%;"></div>	CIS-NEROLIDOL	ND	ND		<div style="width: 0%;"></div>
LINALOOL	1.103	0.1103		<div style="width: 7%;"></div>	GAMMA-TERPINENE	ND	ND		<div style="width: 0%;"></div>
ALPHA-HUMULENE	1.094	0.1094		<div style="width: 7%;"></div>	GAMMA-TERPINEOL	ND	ND		<div style="width: 0%;"></div>
BETA-PINENE	1.083	0.1083		<div style="width: 7%;"></div>	TRANS-NEROLIDOL	ND	ND		<div style="width: 0%;"></div>
OCIMENE	1.074	0.1074		<div style="width: 7%;"></div>					
3-CARENE	ND	ND		<div style="width: 0%;"></div>	Analyzed by: 334, 272, 333 Weight: 0.2454g Extraction date: 09/09/24 15:03:02 Extracted by: 334				
BORNEOL	ND	ND		<div style="width: 0%;"></div>	Analysis Method : SOP.T.30.500, SOP.T.30.064, SOP.T.40.064 Analytical Batch : TE005768TER Reviewed On : 09/10/24 16:41:36				
CAMPHENE	ND	ND		<div style="width: 0%;"></div>	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				
CAMPHOR	ND	ND		<div style="width: 0%;"></div>	Analyzed Date : 09/09/24 15:04:11				
CARYOPHYLLENE OXIDE	ND	ND		<div style="width: 0%;"></div>	Dilution : 5 Reagent : 101723.21; 111122.01 Consumables : 947.155; H109203-1; 04304030; 8000031463; 20240202; 1; GD23001; 17315771 Pipette : N/A				
CEDROL	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.				
EUCALYPTOL	ND	ND		<div style="width: 0%;"></div>					
FENCHONE	ND	ND		<div style="width: 0%;"></div>					
FENCHYL ALCOHOL	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>					
ALPHA-BISABOLOL	ND	ND		<div style="width: 0%;"></div>					
Total (%)		1.4990		<div style="width: 100%;"></div>					

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Ariel Gonzales

Lab Director

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Signature
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Project Packs

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Telephone: (530) 514-0500
Email: adam@projectpacks.co
License # : 0000084ESFH12297246

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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	TOTAL 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
Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ Instrument Used : TE-118 "MS/MS Pest/Myco 1", TE-261 "UHPLC - Pest/Myco 2" Batch Date : 09/09/24 11:15:04 Reviewed On : 09/10/24 15:09:41						Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ Instrument Used : TE-118 "MS/MS Pest/Myco 1", TE-261 "UHPLC - Pest/Myco 2" Batch Date : 09/09/24 16:38:12 Reviewed On : 09/10/24 15:02:14					
Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ Instrument Used : TE-118 "MS/MS Pest/Myco 1", TE-261 "UHPLC - Pest/Myco 2" Batch Date : 09/09/24 16:39:08 Reviewed On : 09/10/24 15:02:14						Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ Instrument Used : TE-118 "MS/MS Pest/Myco 1", TE-261 "UHPLC - Pest/Myco 2" Batch Date : 09/09/24 16:09:30 Reviewed On : 09/10/24 15:02:14					
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.40.104.AZ for analysis on ThermoScientific Altis TSQ with Vanquish UHPLC). 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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Ariel Gonzales
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
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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: 1.04g Extraction date: 09/10/24 10:32:59 Extracted by: 331						Analyzed by: 152, 272, 333 Weight: 0.5085g Extraction date: 09/09/24 14:28:13 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 Dilution : 15 Reagent : N/A Consumables : N/A Pipette : 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 : 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: 0.2034g Extraction date: 09/09/24 17:29:45 Extracted by: 398						
Analysis Method : SOP.T.30.500, SOP.T.30.084.AZ, SOP.T.40.084.AZ Analytical Batch : TE005774HEA Instrument Used : TE-307 "Ted" 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).



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Kaycha Labs

.....
 STDG240603
 StarDawg Gelato
 Matrix : Flower
 Type: Cannabis Flower



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COMMENTS

* Confident Cannabis sample ID: 2409KLAZ0600.2496



* Cannabinoid TE40906002-012POT

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

* Volatile Pesticides TE40906002-012VOL

1 - M2: Chlorfenapyr.

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