



Certificate of Analysis

Laboratory Sample ID: TE41112009-016



Production Method: Indoor
Batch#: TWOW240807
Harvest Date: 10/28/24
Sample Size Received: 17.61 gram
Total Amount: 7 gram
Retail Product Size: 10 gram
Retail Serving Size: 10 gram
Servings: 1
Ordered: 11/12/24
Sampled: 11/12/24
Sample Collection Time: 03:45 PM
Completed: 11/15/24

Nov 15, 2024 | Project Packs
 License # 00000084ESFH12297246
 2239 N Black Canyon Hwy
 Phoenix, AZ, 85009, US

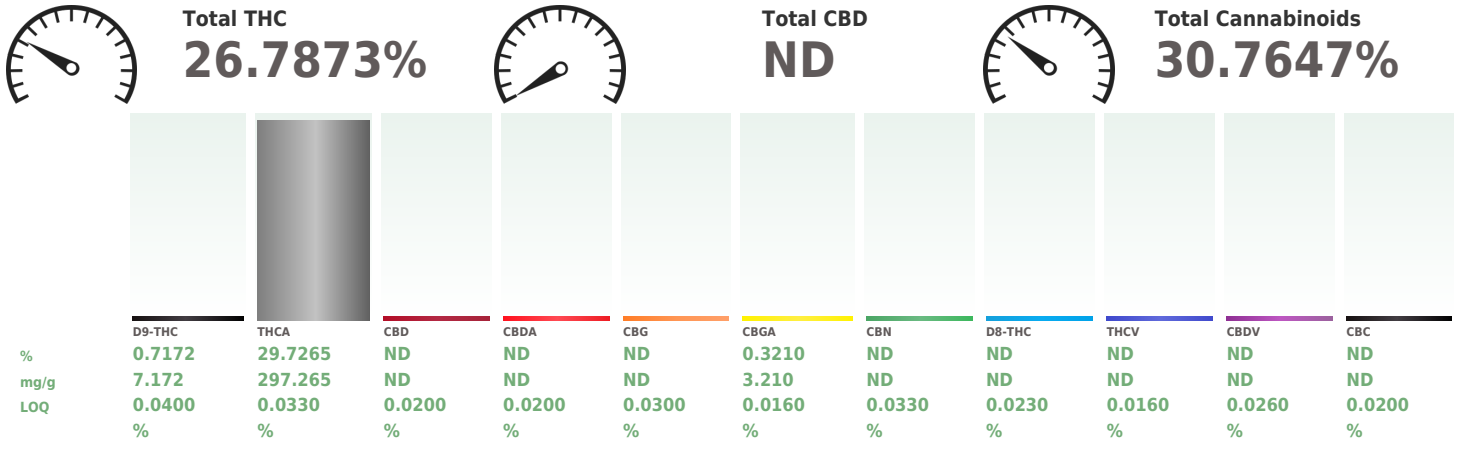
PASSED

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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, 359, 272, 399 Weight: 0.1991g Extraction date: 11/13/24 17:33:58 Extracted by: 432

Analysis Method : SOP.T.30.500, SOP.T.30.031, SOP.T.40.031
 Analytical Batch : TE006544POT
 Instrument Used : TE-004 "Duke Leto" (Flower)
 Analyzed Date : 11/15/24 16:21:10 Batch Date : 11/13/24 15:55:17

Dilution : 800
 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
 11/15/24



Certificate of Analysis

PASSED

Project Packs

2239 N Black Canyon Hwy
Phoenix, AZ, 85009, US
Telephone: (530) 514-0500
Email: adam@projectpacks.co
License # : 0000084ESFH12297246

Sample : TE41112009-016

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Sample Method : SOP Client Method

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Terpenes

TESTED

Terpenes	LOQ (%)	mg/g	%	Result (%)	Terpenes	LOQ (%)	mg/g	%	Result (%)
TOTAL TERPENES	0.0020	14.071	1.4071		ALPHA-PINENE	0.0020	ND	ND	
BETA-MYRCENE	0.0020	4.584	0.4584		ALPHA-TERPINENE	0.0020	ND	ND	
BETA-CARYOPHYLLENE	0.0020	3.800	0.3800		ALPHA-TERPINEOL	0.0020	ND	ND	
LIMONENE	0.0020	2.681	0.2681		BETA-PINENE	0.0020	ND	ND	
LINALOOL	0.0020	1.346	0.1346		CIS-NEROLIDOL	0.0020	ND	ND	
ALPHA-HUMULENE	0.0020	1.162	0.1162		GAMMA-TERPINENE	0.0020	ND	ND	
ALPHA-BISABOLOL	0.0020	0.498	0.0498		GAMMA-TERPINEOL	0.0020	ND	ND	
3-CARENE	0.0020	ND	ND		TRANS-NEROLIDOL	0.0020	ND	ND	
BORNEOL	0.0020	ND	ND						
CAMPHENE	0.0020	ND	ND		Analized by:	Weight:	Extraction date:	Extracted by:	
CAMPHOR	0.0020	ND	ND		445, 334, 272, 399	0.2488g	11/13/24 14:13:11	445	
CARYOPHYLLENE OXIDE	0.0020	ND	ND						
CECROL	0.0020	ND	ND		Analysis Method :	SOP.T.30.500, SOP.T.30.064, SOP.T.40.064			
EUCALYPTOL	0.0020	ND	ND		Analytical Batch :	TE006536TER			
FENCHONE	0.0020	ND	ND		Instrument Used :	TE-096 "MS - Terpenes 1",TE-097 "AS - Terpenes 1",TE-093 "GC - Terpenes 1"			
FENCHYL ALCOHOL	0.0020	ND	ND		Batch Date :	11/13/24 11:37:10			
GERANIOL	0.0020	ND	ND		Analized Date :	11/15/24 16:32:26			
GERANYL ACETATE	0.0020	ND	ND		Dilution :	N/A			
GUAIOL	0.0020	ND	ND		Reagent :	101723.23; 071924.01			
ISOBORNEOL	0.0020	ND	ND		Consumables :	9479291.110; H109203-1; 04304030; 8000031463; 20240202; 1; 0000185478; GD23006			
ISOPULEGOL	0.0020	ND	ND		Pipette :	N/A			
MENTHOL	0.0020	ND	ND						
NEROL	0.0020	ND	ND		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 ISO 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.				
OCIMENE	0.0020	ND	ND						
PULEGONE	0.0020	ND	ND						
SABINENE	0.0020	ND	ND						
SABINENE HYDRATE	0.0020	ND	ND						
TERPINOLENE	0.0020	ND	ND						
VALENCENE	0.0020	ND	ND						
ALPHA-CEDRENE	0.0020	ND	ND						
ALPHA-PHELLANDRENE	0.0020	ND	ND						
Total (%)			1.4070						



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Sample : TE41112009-016

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Sample Method : SOP Client Method

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Pesticides

PASSED

Pesticide	LOQ	Units	Action Level	Pass/Fail	Result	Pesticide	LOQ	Units	Action Level	Pass/Fail	Result
AVERMECTINS (ABAMECTIN B1A)	0.2500	ppm	0.5	PASS	ND	TOTAL SPINOSAD	0.1000	ppm	0.2	PASS	ND
ACEPHATE	0.2000	ppm	0.4	PASS	ND	SPIROMESIFEN	0.1000	ppm	0.2	PASS	ND
ACETAMIPRID	0.1000	ppm	0.2	PASS	ND	SPIROTETRAMAT	0.1000	ppm	0.2	PASS	ND
ALDICARB	0.2000	ppm	0.4	PASS	ND	SPIROXAMINE	0.2000	ppm	0.4	PASS	ND
AZOXYSTROBIN	0.1000	ppm	0.2	PASS	ND	TEBUCONAZOLE	0.2000	ppm	0.4	PASS	ND
BIFENAZATE	0.1000	ppm	0.2	PASS	ND	THIACLOPRID	0.1000	ppm	0.2	PASS	ND
BIFENTHRIN	0.1000	ppm	0.2	PASS	ND	THIAMETHOXAM	0.1000	ppm	0.2	PASS	ND
BOSCALID	0.2000	ppm	0.4	PASS	ND	TRIFLOXYSTROBIN	0.1000	ppm	0.2	PASS	ND
CARBARYL	0.1000	ppm	0.2	PASS	ND	CHLORFENAPYR *	0.3000	ppm	1	PASS	ND
CARBOFURAN	0.1000	ppm	0.2	PASS	ND	CYFLUTHRIN *	0.5000	ppm	1	PASS	ND
CHLORANTRANILIPROLE	0.1000	ppm	0.2	PASS	ND	Analyzed by: 152, 410, 272, 399 Weight: 0.5049g Extraction date: 11/13/24 13:45:26 Extracted by: 410 Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ Analytical Batch : TE006526PES Instrument Used : TE-262 *MS/MS - Pest/Myco 2*, TE-117 UHPLC - Pest/Myco 2 Batch Date : 11/12/24 16:40:04 Analyzed Date : 11/14/24 13:30:09 Dilution : 25 Reagent : 111224.R17; 111124.R29; 110424.R10; 100824.R27; 111224.R18; 111224.R11; 111224.R20; 111124.R04; 041823.06 Consumables : 9479291.110; 8000038072; 052024CH01; 220318-306-D; 1008645998; GD23006; 426060-JG 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: 410, 272, 399 Weight: 0.5049g Extraction date: 11/13/24 13:45:26 Extracted by: 410 Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.154.AZ Analytical Batch : TE006559VOL Instrument Used : N/A Batch Date : 11/14/24 10:07:08 Analyzed Date : 11/14/24 13:33:14 Dilution : 25 Reagent : 111224.R17; 111124.R29; 110424.R10; 100824.R27; 111224.R18; 111224.R11; 111224.R20; 111124.R04; 041823.06 Consumables : 9479291.110; 8000038072; 052024CH01; 220318-306-D; 1008645998; GD23006; 426060-JG 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).					
CLOFENTZINE	0.1000	ppm	0.2	PASS	ND						
CYPERMETHRIN	0.5000	ppm	1	PASS	ND						
DIAZINON	0.1000	ppm	0.2	PASS	ND						
DAMINOZIDE	0.5000	ppm	1	PASS	ND						
DICHLORVOS (DDVP)	0.0500	ppm	0.1	PASS	ND						
DIMETHOATE	0.1000	ppm	0.2	PASS	ND						
ETHOPROPHOS	0.1000	ppm	0.2	PASS	ND						
ETOFENPROX	0.2000	ppm	0.4	PASS	ND						
ETOXAZOLE	0.1000	ppm	0.2	PASS	ND						
FENOXICARB	0.1000	ppm	0.2	PASS	ND						
FENPYROXIMATE	0.2000	ppm	0.4	PASS	ND						
FIPRONIL	0.2000	ppm	0.4	PASS	ND						
FLONICAMID	0.5000	ppm	1	PASS	ND						
FLUDIOXONIL	0.2000	ppm	0.4	PASS	ND						
HEXYTHIAZOX	0.5000	ppm	1	PASS	ND						
IMAZALIL	0.1000	ppm	0.2	PASS	ND						
IMIDACLOPRID	0.2000	ppm	0.4	PASS	ND						
KRESOXIM-METHYL	0.2000	ppm	0.4	PASS	ND						
MALATHION	0.1000	ppm	0.2	PASS	ND						
METALAXYL	0.1000	ppm	0.2	PASS	ND						
METHIOCARB	0.1000	ppm	0.2	PASS	ND						
METHOMYL	0.2000	ppm	0.4	PASS	ND						
MYCLOBUTANIL	0.1000	ppm	0.2	PASS	ND						
NALED	0.2500	ppm	0.5	PASS	ND						
OXAMYL	0.5000	ppm	1	PASS	ND						
PACLOBUTRAZOL	0.2000	ppm	0.4	PASS	ND						
TOTAL PERMETHRINS	0.1000	ppm	0.2	PASS	ND						
PHOSMET	0.1000	ppm	0.2	PASS	ND						
PIPERONYL BUTOXIDE	1.0000	ppm	2	PASS	ND						
PRALLETHRIN	0.1000	ppm	0.2	PASS	ND						
PROPICONAZOLE	0.2000	ppm	0.4	PASS	ND						
PROPOXUR	0.1000	ppm	0.2	PASS	ND						
TOTAL PYRETHRINS	0.5000	ppm	1	PASS	ND						
PYRIDABEN	0.1000	ppm	0.2	PASS	ND						

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Ariel Gonzales

Lab Director

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11/15/24



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
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Sample Method : SOP Client Method

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 Microbial PASSED						 Mycotoxins PASSED					
Analyte	LOQ	Units	Result	Pass / Fail	Action Level	Analyte	LOQ	Units	Result	Pass / Fail	Action Level
SALMONELLA SPP	0.0000		Not Present in 1g	PASS		TOTAL AFLATOXINS	4.8510	ppb	ND	PASS	20
ASPERGILLUS FLAVUS	0.0000		Not Present in 1g	PASS		AFLATOXIN B1	4.8510	ppb	ND	PASS	20
ASPERGILLUS FUMIGATUS	0.0000		Not Present in 1g	PASS		AFLATOXIN B2	5.9400	ppb	ND	PASS	20
ASPERGILLUS NIGER	0.0000		Not Present in 1g	PASS		AFLATOXIN G1	6.2700	ppb	ND	PASS	20
ASPERGILLUS TERREUS	0.0000		Not Present in 1g	PASS		AFLATOXIN G2	10.7250	ppb	ND	PASS	20
ESCHERICHIA COLI REC	10.0000	CFU/g	<10	PASS	100	OCHRATOXIN A	12.0000	ppb	ND	PASS	20
Analyzed by: 87, 272, 399 Weight: 1.0812g Extraction date: 11/13/24 16:19:31 Extracted by: 331						Analyzed by: 410, 272, 399 Weight: 0.5049g Extraction date: 11/13/24 13:45:26 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 : TE006529MIC Instrument Used : TE-234 "bioMerieux GENE-UP" Batch Date : 11/13/24 10:33:08 Analyzed Date : 11/15/24 16:12:51						Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ Analytical Batch : TE006560MYC Instrument Used : N/A Batch Date : 11/14/24 10:08:24 Analyzed Date : 11/14/24 13:31:49					
Dilution : 10 Reagent : N/A Consumables : N/A Pipette : N/A						Dilution : 25 Reagent : 111224.R17; 111124.R29; 110424.R10; 100824.R27; 111224.R18; 111224.R11; 111224.R20; 111124.R04; 041823.06 Consumables : 9479291.110; 8000038072; 052024CH01; 220318-306-D; 1008645998; GD23006; 426060-JG 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	LOQ	Units	Result	Pass / Fail	Action Level
ARSENIC	0.2000	ppm	ND	PASS	0.4
CADMIUM	0.2000	ppm	ND	PASS	0.4
LEAD	0.5000	ppm	ND	PASS	1
MERCURY	0.1000	ppm	ND	PASS	0.2
Analyzed by: 398, 272, 399 Weight: 0.1974g Extraction date: 11/14/24 15:36:45 Extracted by: 398					
Analysis Method : SOP.T.30.500, SOP.T.30.084.AZ, SOP.T.40.084.AZ Analytical Batch : TE006534HEA Instrument Used : TE-153 "Bill" Batch Date : 11/13/24 11:09:18 Analyzed Date : 11/15/24 10:21:20					
Dilution : 50 Reagent : 101723.16; 110724.R41; 111224.R08; 081624.02; 102124.02; 100121.01 Consumables : 041924CH03; 210705-306-D; 269336 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

.....
TWOW240807
The Wow
Matrix : Flower
Type: Cannabis Flower



Certificate of Analysis

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Page 5 of 6

COMMENTS

* Confident Cannabis sample ID: 2411KLAZ0805.3340



* Pesticide TE41112009-016PES

1 - M2:Total Permethrins

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Kaycha Labs

.....
 TWOW240807
 The Wow
 Matrix : Flower
 Type: Cannabis Flower



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COMMENTS

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