

Certificate of Analysis

Laboratory Sample ID: TE40906002-002



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

Kaycha Labs

RDGN240603 Red Dragon

Matrix: Flower Classification: Hybrid Type: Cannabis Flower

> Production Method: Indoor Batch#: RDGN240603

> > **Harvest Date:** 08/19/24

Sample Size Received: 22.36 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: 03:30 PM Completed: 09/10/24

PASSED

SAFETY RESULTS



Pesticides PASSED



Heavy Metals PASSED



Microbials **PASSED**



PASSED



Solvents **NOT TESTED**



NOT TESTED



Water Activity **NOT TESTED**



Pages 1 of 6

Moisture **NOT TESTED**

MISC.



Terpenes **TESTED**

PASSED

Cannabinoid

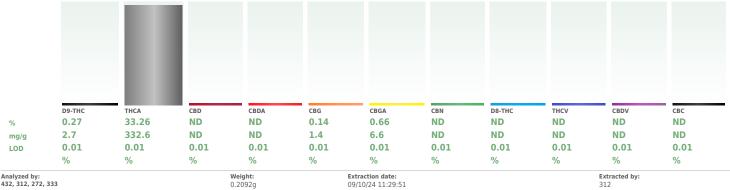
Total THC 29.42%







Total Cannabinoids 34.31%



Analysis Method: SOP.T.30.500, SOP.T.30.031, SOP.T.40.031 Analytical Batch: TE005772POT Instrument Used: TE-004 "Puke Leto" (Flower) Analyzed Date: 09/09/24 18:25:47

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

Reviewed On: 09/10/24 15:14:42 Batch Date: 09/09/24 12:16:24

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 # 00000024LCMD66604568 ISO 17025 Accreditation # 97164



Kaycha Labs

RDGN240603 Red Dragon Matrix: Flower

Type: Cannabis Flower

Certificate of Analysis

PASSED

2239 N Black Canyon Hwy Phoenix, AZ, 85009, US Telephone: (530) 514-0500 Email: adam@proiectpacks.co **License # :** 00000084ESFH12297246 Sample: TE40906002-002 Batch#: RDGN240603 Sampled: 09/06/24 Ordered: 09/06/24

Sample Size Received: 22.36 gram Total Amount: 7 gram
Completed: 09/10/24 Expires: 09/10/25 Sample Method: SOP Client Method

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Terpenes

TESTED

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes		LOD (%)	mg/g	%	Result (%)
TOTAL TERPENES		19.812	1.9812		ALPHA-BISABOLOL			ND	ND	
LIMONENE		5.747	0.5747	•	ALPHA-CEDRENE			ND	ND	
BETA-CARYOPHYLLENE		3.117	0.3117		ALPHA-PHELLANDREN	IE		ND	ND	
BETA-MYRCENE		2.187	0.2187		ALPHA-TERPINENE			ND	ND	
ALPHA-PINENE		2.146	0.2146		CIS-NEROLIDOL			ND	ND	
OCIMENE		1.535	0.1535		GAMMA-TERPINENE			ND	ND	
LINALOOL		1.517	0.1517		GAMMA-TERPINEOL			ND	ND	
BETA-PINENE		1.508	0.1508		TRANS-NEROLIDOL			ND	ND	
ALPHA-HUMULENE		1.263	0.1263		Analyzed by:	Weight:	Ex	traction	date:	Extracted by:
FENCHYL ALCOHOL		0.447	0.0447		334, 272, 333	0.2574g	09	/09/24 1	5:02:05	334
ALPHA-TERPINEOL		0.345	0.0345		Analysis Method : SOP.T		.30.064	, SOP.T.	40.064	
3-CARENE		ND	ND		Analytical Batch : TE005		1 II TI	- 007 114	C T	Reviewed On: 09/10/24 16:40:5
BORNEOL		ND	ND		1",TE-093 "GC - Terpene		ies 1", II	E-097 "A	S - Terp	enes Batch Date : 09/09/24 11:09:31
CAMPHENE		ND	ND		Analyzed Date: 09/09/2					
CAMPHOR		ND	ND		Dilution : 5					
CARYOPHYLLENE OXIDE		ND	ND		Reagent: 101723.21; 11		420402		21.462	20240202 1 0022021 17215771
CEDROL		ND	ND		Consumables: 947.155; Pipette: N/A	H109203-1; 0	4304030	J; 80000	31463;	20240202; 1; GD23001; 17315771
EUCALYPTOL		ND	ND			rmed using GC-I	VS which	can dete	ct helow	single digit ppm concentrations. (Methods:
FENCHONE		ND	ND		SOP.T.30.500 for sample ho	mogenization, S	OP.T.30.0	064 for sa	mple pre	p, and SOP.T.40.064 for analysis via
GERANIOL		ND	ND							l injection autosampler and detection carrie ed on a wt/wt% basis. Testing result is for
GERANYL ACETATE		ND	ND		informational purposes only	and cannot be	used to s	atisfy disp	ensary t	esting requirements in R9-17-317.01(A) or
GUAIOL		ND	ND		R9-18-311(A) or labeling re-				isty marij	uana establishment testing requirements in
ISOBORNEOL		ND	ND							
SOPULEGOL		ND	ND							
MENTHOL		ND	ND							
NEROL		ND	ND							
PULEGONE		ND	ND							
SABINENE		ND	ND							
SABINENE HYDRATE		ND	ND							
TERPINOLENE		ND	ND							
VALENCENE		ND	ND							
otal (%)		1.5	9810							

Total (%)

1.9810

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RDGN240603 Red Dragon Matrix: Flower



Type: Cannabis Flower

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Sample Size Received: 22.36 gram Total Amount: 7 gram
Completed: 09/10/24 Expires: 09/10/25 Sample Method: SOP Client Method

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Pesticides

PASSED

Pesticide	LOD	Units		el Pass/Fail	Re
AVERMECTINS (ABAMECTIN B1A)	0.0170	ppm	0.5	PASS	ND
ACEPHATE	0.0100	ppm	0.4	PASS	ND
ACETAMIPRID	0.0050	ppm	0.2	PASS	ND
ALDICARB	0.0140	ppm	0.4	PASS	ND
AZOXYSTROBIN	0.0050	ppm	0.2	PASS	ND
BIFENAZATE	0.0060	ppm	0.2	PASS	ND
BIFENTHRIN	0.0050	ppm	0.2	PASS	ND
BOSCALID	0.0050	ppm	0.4	PASS	ND
CARBARYL	0.0080	ppm	0.2	PASS	ND
CARBOFURAN	0.0050	ppm	0.2	PASS	ND
CHLORANTRANILIPROLE	0.0110	ppm	0.2	PASS	ND
CHLORPYRIFOS	0.0050	ppm	0.2	PASS	ND
CLOFENTEZINE	0.0100	ppm	0.2	PASS	ND
CYPERMETHRIN	0.1000	ppm	1	PASS	ND
DIAZINON	0.0060	ppm	0.2	PASS	ND
DAMINOZIDE	0.0100	ppm	1	PASS	NE
DICHLORVOS (DDVP)	0.0010	ppm	0.1	PASS	NE
DIMETHOATE	0.0060	ppm	0.2	PASS	NE
ETHOPROPHOS	0.0040	ppm	0.2	PASS	NE
ETOFENPROX	0.0060	ppm	0.4	PASS	NE
ETOXAZOLE	0.0040	ppm	0.2	PASS	NE
FENOXYCARB	0.0050	ppm	0.2	PASS	NE
FENPYROXIMATE	0.0040	ppm	0.4	PASS	NE
FIPRONIL	0.0060	ppm	0.4	PASS	NE
FLONICAMID	0.0090	ppm	1	PASS	NE
FLUDIOXONIL	0.0060	ppm	0.4	PASS	NE
HEXYTHIAZOX	0.0050	ppm	1	PASS	NE
MAZALIL	0.0110	ppm	0.2	PASS	ND
IMIDACLOPRID	0.0080	ppm	0.4	PASS	NE
KRESOXIM-METHYL	0.0070	ppm	0.4	PASS	NE
MALATHION	0.0070	ppm	0.2	PASS	NE
METALAXYL	0.0040	ppm	0.2	PASS	NE
METHIOCARB	0.0040	ppm	0.2	PASS	NE
METHOMYL	0.0050	ppm	0.4	PASS	NE
MYCLOBUTANIL	0.0100	ppm	0.2	PASS	NE
NALED	0.0070	ppm	0.5	PASS	NE
OXAMYL	0.0080	ppm	1	PASS	NE
PACLOBUTRAZOL	0.0050	ppm	0.4	PASS	NE
TOTAL PERMETHRINS	0.0030	ppm	0.2	PASS	NE
PHOSMET	0.0100	ppm	0.2	PASS	NE
PIPERONYL BUTOXIDE	0.0050	ppm	2	PASS	NE
PRALLETHRIN	0.0130	ppm	0.2	PASS	ND
PROPICONAZOLE	0.0050	ppm	0.4	PASS	ND
PROPOXUR	0.0050	ppm	0.2	PASS	ND
TOTAL PYRETHRINS	0.0010	ppm	1	PASS	ND
PYRIDABEN	0.0040	ppm	0.2	PASS	ND

Pesticide		LOD	Units	Action Level	Pass/Fail	Result
TOTAL SPINOSAD		0.0060	ppm	0.2	PASS	ND
SPIROMESIFEN		0.0080	ppm	0.2	PASS	ND
SPIROTETRAMAT		0.0060	ppm	0.2	PASS	ND
SPIROXAMINE		0.0040	ppm	0.4	PASS	ND
TEBUCONAZOLE		0.0040	ppm	0.4	PASS	ND
THIACLOPRID		0.0060	ppm	0.2	PASS	ND
THIAMETHOXAM		0.0060	ppm	0.2	PASS	ND
TRIFLOXYSTROBIN		0.0060	ppm	0.2	PASS	ND
CHLORFENAPYR *		0.0270	ppm	1	PASS	ND
CYFLUTHRIN *		0.0150	ppm	1	PASS	ND
Analyzed by: 152, 272, 333	Weight: 0.4997g	09/09/24 1			Extracted 410	by:
Analysis Method: SOP.T.30.500 Analytical Batch: TE005769PES Instrument Used: TE-118 "MS/I			2"		on:09/10/24 15:09/09/24 11:1	

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

Analyzed Date: 09/09/24 16:39:10
Dilution: 125
Reagent: 090324.R12; 081424.R31; 082724.R35; 090524.R14; 090524.R21; 073024.R30; 090624.R02; 090324.R13; 041823.06
Consumables: 947.155; 800038072; 111423CH01; 220318-306-D; 1008645998; GD23001; 425240JF
Pipette: 1TE-060 SN:20035457 (20-2004L); TE-108 SN:20818337 (100-10004L)
Pesticide screening is carried out using LCMSMMS supplemented by Co-KSMMS 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: Weight: Stz. 272, 333
Analyzed Method: SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.154.AZ
Analytical Batch: 17E05778VOL
Instrument Used: TE-118 "MS/MS Pest/Myco 1",TE-261 "UHPLC - Pest/Myco 2"
Reviewed On: 09/10/24 16:09:00
Batch Date: 09/09/24 16:39:08
Dilution: 252

Analyzed Date 1:09/09/z4 10:39/09
Dilution: 25
Reagent: 090324.R12; 081424.R31; 082724.R35; 090524.R14; 090524.R12; 073024.R30; 090624.R02; 090324.R13; 041823.06
Consumables: 947.155; 8000038072; 111423CH01; 220318-306-D: 1008645998; GD23001; 425240JF
Pipette: 1Te-060 SN:20033457 (20-2000L); TE-108 SN:20B18337 (100-10000L)
Supplemental pesticide screening using GC-MS/MS/M to quantitatively screen for Chiofenapyr, Cyfluthrin, Cypermethrin, and Diazinor; as well as the qualitative confirmation of Dichlorvos, Permethrins, Piperonyl Butoxide, Prailethrin, Propiconazole, Pyrethrins, and Tebuconazole which are all quantitatively screened using LC-MS/MS/MS (Methods: S0-T-30.50) for ample homogenization, SOPT-310.014A-Z for sample prep, and SOPT-140.154.AZ for analysis using a ThermoScietific 1310-series GC equipped with a TirPlus RSH autosampler and detected on a TSQ 9000-series mass spectrometer).

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RDGN240603 Red Dragon Matrix: Flower



Type: Cannabis Flower

Certificate of Analysis

PASSED

2239 N Black Canyon Hwy Phoenix, AZ, 85009, US Telephone: (530) 514-0500 Email: adam@proiectpacks.co **License # :** 00000084ESFH12297246 Sample : TE40906002-002

Batch Date : 09/06/24 17:00:26

Batch#: RDGN240603 Sampled: 09/06/24 Ordered: 09/06/24

Sample Size Received: 22.36 gram Total Amount: 7 gram
Completed: 09/10/24 Expires: 09/10/25

Sample Method : SOP Client Method

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Batch Date : 09/09/24 16:08:31



Microbial



Mycotoxins

PASSED

Analyte		LOD	Units	Result	Pass / Fail	Action Level
SALMONELLA S	SPP			Not Present in 1g	PASS	
ASPERGILLUS I	FLAVUS			Not Present in 1g	PASS	
ASPERGILLUS I			Not Present in 1g	PASS		
ASPERGILLUS I			Not Present in 1g	PASS		
ASPERGILLUS 7			Not Present in 1g	PASS		
ESCHERICHIA COLI REC		10.0000	CFU/g	<10	PASS	100
Analyzed by: 87, 272, 333	Weight: 0.9204g		on date: 4 10:32:		xtracted 331	by:

Analysis Method : SOP.T.40.056B, SOP.T.40.058.FL, SOP.T.40.208, SOP.T.40.209.AZ Analytical Batch: TE005766MIC Reviewed On: 09/10/24 16:48:23

Instrument Used : TE-234 "bioMerieux GENE-UP" Analyzed Date : N/A

Dilution: 10

Reagent: N/A Consumables : N/A Pipette: N/A

Analyte		LOD	Units	Result	Pass / Fail	Action Level
TOTAL AFLATOXINS		1.4870	ppb	ND	PASS	20
AFLATOXIN B1		1.4700	ppb	ND	PASS	20
AFLATOXIN B2		1.8000	ppb	ND	PASS	20
AFLATOXIN G1		1.9000	ppb	ND	PASS	20
AFLATOXIN G2		3.2500	ppb	ND	PASS	20
OCHRATOXIN A		4.6100	ppb	ND	PASS	20
Analyzed by:	Weight:	Extraction date	:		Extracted	by:

Weight: 0.4997g 09/09/24 14:28:11 Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ Reviewed On: 09/10/24 15:03:42

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;

 $090624.R02; 090324.R13; 041823.06 \\ \textbf{Consumables}: 947.155; 8000038072; 111423CH01; 220318-306-D; 1008645998; GD23001; 320318-306-D; 320318-D; 320318$

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 Aflotoxins B1, B2, G1, G2) must be <20 μ g/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:	Weight:	Extraction da	ate:		Extracte	d bv:

09/09/24 17:26:12

0.1906g **Analysis Method :** SOP.T.30.500, SOP.T.30.084.AZ, SOP.T.40.084.AZ

Analytical Batch : TE005774HEA Reviewed On: 09/10/24 09:09:04 Instrument Used: TE-307 "Ted" Batch Date: 09/09/24 12:39:17

Analyzed Date: N/A

398, 39, 272, 333

Dilution: 50

 $\begin{array}{l} \textbf{Reagent:} \ 101723.14; \ 090324.R03; \ 090324.R01; \ 032724.07; \ 090624.01; \ 090922.04 \\ \textbf{Consumables:} \ 111423CH01; \ 210705-306-D; \ 210725-598-D \end{array}$

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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Sample Method: SOP Client Method

PASSED

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COMMENTS

* Confident Cannabis sample ID: 2409KLAZ0600.2486



* Cannabinoid TE40906002-002POT

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

* Volatile Pesticides TE40906002-002VOL

1 - M2: Chlorfenapyr.

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Project Packs

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Batch#: RDGN240603 Sampled: 09/06/24 Ordered: 09/06/24 Sample Size Received: 22.36 gram
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PASSED

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COMMENTS

* Confident Cannabis sample ID: 2409KLAZ0600.2486



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