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

Kaycha Labs

SORG240612
Sour Grapes
Matrix: Flower
Classification: Hybrid
Type: Cannabis Flower

Certificate of Analysis

Laboratory Sample ID: TE40924004-014

Production Method: Cured
Batch#: SORG240612
Harvest Date: 09/03/24
Sample Size Received: 18.58 gram
Total Amount: 7 gram
Retail Product Size: 10 gram
Retail Serving Size: 10 gram
Servings: 1
Ordered: 09/24/24
Sampled: 09/24/24
Sample Collection Time: 10:15 AM
Completed: 09/27/24
Revision Date: 09/30/24

Sep 30, 2024 | Project Packs
License # 00000084ESFH12297246
2239 N Black Canyon Hwy
Phoenix, AZ, 85009, US

PASSED

SAFETY RESULTS

Pesticides	Heavy Metals	Microbials	Mycotoxins	Residuals Solvents	Filth	Water Activity	Moisture
PASSED	PASSED	PASSED	PASSED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED

MISC.

Terpenes
TESTED

Cannabinoid

PASSED

Total THC
26.8545%

Total CBD
ND

Total Cannabinoids
31.3311%

	D9-THC	THCA	CBD	CBDA	CBG	CBGA	CBN	D8-THC	THCV	CBDV	CBC
%	0.3993	30.1656	ND	ND	0.1252	0.6410	ND	ND	ND	ND	ND
mg/g	3.993	301.656	ND	ND	1.252	6.410	ND	ND	ND	ND	ND
LOQ	0.0400 %	0.0330 %	0.0200 %	0.0200 %	0.0300 %	0.0160 %	0.0330 %	0.0230 %	0.0160 %	0.0260 %	0.0200 %

Analyzed by: 432, 312, 272, 87
Weight: 0.191g
Extraction date: 09/25/24 11:35:21
Extracted by: 432

Analysis Method : SOP.T.30.500, SOP.T.30.031, SOP.T.40.031
Analytical Batch : TE005916POT
Instrument Used : TE-004 "Duke Leto" (Flower)
Analyzed Date : 09/24/24 19:22:17
Reviewed On : 09/26/24 12:42:58
Batch Date : 09/24/24 12:14:33

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.

Ariel Gonzales
Lab Director

State License #
00000024LCMD66604568
ISO 17025 Accreditation # 97164

Signature
09/27/24

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SORG240612
Sour Grapes
Matrix : Flower
Type: Cannabis Flower

Certificate of Analysis

PASSED

Project Packs

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

Sample : TE40924004-014
Batch# : SORG240612
Sampled : 09/24/24
Ordered : 09/24/24

Sample Size Received : 18.58 gram
Total Amount : 7 gram
Completed : 09/27/24 **Expires:** 09/30/25
Sample Method : SOP Client Method

Terpenes

TESTED

Terpenes	LOQ (%)	mg/g	%	Result (%)
TOTAL TERPENES	0.0020	12.583	1.2583	
LIMONENE	0.0020	3.656	0.3656	
BETA-CARYOPHYLLENE	0.0020	2.769	0.2769	
BETA-MYRCENE	0.0020	1.374	0.1374	
ALPHA-HUMULENE	0.0020	1.166	0.1166	
ALPHA-PINENE	0.0020	1.010	0.1010	
LINALOOL	0.0020	0.988	0.0988	
OCIMENE	0.0020	0.871	0.0871	
BETA-PINENE	0.0020	0.749	0.0749	
3-CARENE	0.0020	ND	ND	
BORNEOL	0.0020	ND	ND	
CAMPHENE	0.0020	ND	ND	
CAMPHOR	0.0020	ND	ND	
CARYOPHYLLENE OXIDE	0.0020	ND	ND	
CEDROL	0.0020	ND	ND	
EUCALYPTOL	0.0020	ND	ND	
FENCHONE	0.0020	ND	ND	
FENCHYL ALCOHOL	0.0020	ND	ND	
GERANIOL	0.0020	ND	ND	
GERANYL ACETATE	0.0020	ND	ND	
GUAIOL	0.0020	ND	ND	
ISOBORNEOL	0.0020	ND	ND	
ISOPULEGOL	0.0020	ND	ND	
MENTHOL	0.0020	ND	ND	
NEROL	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-BISABOLOL	0.0020	ND	ND	

Terpenes	LOQ (%)	mg/g	%	Result (%)
ALPHA-CEDRENE	0.0020	ND	ND	
ALPHA-PHELLANDRENE	0.0020	ND	ND	
ALPHA-TERPINENE	0.0020	ND	ND	
ALPHA-TERPINEOL	0.0020	ND	ND	
CIS-NEROLIDOL	0.0020	ND	ND	
GAMMA-TERPINENE	0.0020	ND	ND	
GAMMA-TERPINEOL	0.0020	ND	ND	
TRANS-NEROLIDOL	0.0020	ND	ND	

Total (%) 1.2580

Analyzed by: 334, 272, 87
Weight: 0.2528g
Extraction date: 09/24/24 19:19:38
Extracted by: 409

Analysis Method : SOP.T.30.500, SOP.T.30.064, SOP.T.40.064
Analytical Batch : TE005927TER
Instrument Used : TE-096 "MS - Terpenes 1",TE-097 "AS - Terpenes 1",TE-093 "GC - Terpenes 1"
Analyzed Date : 09/25/24 14:25:35
Reviewed On : 09/26/24 16:34:08
Batch Date : 09/24/24 17:26:23

Dilution : N/A
Reagent : 101723.21; 071924.01
Consumables : 947.155; H109203-1; 04304030; 8000031463; 20240202; 1; GD23001; 17315771
Pipette : N/A

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.

Ariel Gonzales
Lab Director

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09/27/24

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Kaycha Labs

SORG240612
Sour Grapes
Matrix : Flower
Type: Cannabis Flower

Certificate of Analysis

PASSED

Project Packs

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Phoenix, AZ, 85009, US
Telephone: (530) 514-0500
Email: adam@projectpacks.co
License # : 00000084ESFH12297246

Sample : TE40924004-014
Batch# : SORG240612
Sampled : 09/24/24
Ordered : 09/24/24

Sample Size Received : 18.58 gram
Total Amount : 7 gram
Completed : 09/27/24 **Expires:** 09/30/25
Sample Method : SOP Client Method

Pesticides

PASSED

Pesticide	LOQ	Units	Action Level	Pass/Fail	Result
AVERMECTINS (ABAMECTIN B1A)	0.2500	ppm	0.5	PASS	ND
ACEPHATE	0.2000	ppm	0.4	PASS	ND
ACETAMIPRID	0.1000	ppm	0.2	PASS	ND
ALDICARB	0.2000	ppm	0.4	PASS	ND
AZOXYSTROBIN	0.1000	ppm	0.2	PASS	ND
BIFENAZATE	0.1000	ppm	0.2	PASS	ND
BIFENTHRIN	0.1000	ppm	0.2	PASS	ND
BOSCALID	0.2000	ppm	0.4	PASS	ND
CARBARYL	0.1000	ppm	0.2	PASS	ND
CARBOFURAN	0.1000	ppm	0.2	PASS	ND
CHLORANTRANILIPROLE	0.1000	ppm	0.2	PASS	ND
CHLORPYRIFOS	0.1000	ppm	0.2	PASS	ND
CLOFENTEZINE	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
FENOXYCARB	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

Pesticide	LOQ	Units	Action Level	Pass/Fail	Result
TOTAL SPINOSAD	0.1000	ppm	0.2	PASS	ND
SPIROMESIFEN	0.1000	ppm	0.2	PASS	ND
SPIROTETRAMAT	0.1000	ppm	0.2	PASS	ND
SPIROXAMINE	0.2000	ppm	0.4	PASS	ND
TEBUCONAZOLE	0.2000	ppm	0.4	PASS	ND
THIACLOPRID	0.1000	ppm	0.2	PASS	ND
THIAMETHOXAM	0.1000	ppm	0.2	PASS	ND
TRIFLOXYSTROBIN	0.1000	ppm	0.2	PASS	ND
CHLORFENAPYR *	0.3000	ppm	1	PASS	ND
CYFLUTHRIN *	0.5000	ppm	1	PASS	ND

Analyzed by: 152, 39, 272, 87 | **Weight:** 0.5055g | **Extraction date:** 09/25/24 12:39:01 | **Extracted by:** 410

Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ
Analytical Batch : TE005918PES
Instrument Used : TE-117 "UHPLC - Pest/Myco 1",TE-262 "MS/MS - Pest/Myco 2"
Analyzed Date : 09/25/24 15:00:24
Reviewed On : 09/26/24 15:44:34
Batch Date : 09/24/24 12:18:19
Dilution : 25
Reagent : 091324.R12; 090524.R14; 091324.R13; 073024.R30; 091924.R02; 091824.R01; 091324.R31; 091924.R03; 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, 39, 272, 87 | **Weight:** 0.5055g | **Extraction date:** 09/25/24 12:39:01 | **Extracted by:** 410

Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.154.AZ
Analytical Batch : TE005947VOL
Instrument Used : TE-117 "MS/MS Pest/Myco 1",TE-262 "MS/MS - Pest/Myco 2
Analyzed Date : 09/26/24 14:46:40
Reviewed On : 09/26/24 15:48:49
Batch Date : 09/26/24 14:45:51
Dilution : 25
Reagent : 091324.R12; 090524.R14; 091324.R13; 073024.R30; 091924.R02; 091824.R01; 091324.R31; 091924.R03; 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 quantitaively 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 ThermoScietific 1310-series GC equipped with a TriPlus RSH autosampler and detected on a TSQ 9000-series mass spectrometer).

Ariel Gonzales
Lab Director

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Sour Grapes
Matrix : Flower
Type: Cannabis Flower

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Telephone: (530) 514-0500
Email: adam@projectpacks.co
License # : 00000084ESFH12297246

Sample : TE40924004-014
Batch# : SORG240612
Sampled : 09/24/24
Ordered : 09/24/24

Sample Size Received : 18.58 gram
Total Amount : 7 gram
Completed : 09/27/24 **Expires:** 09/30/25
Sample Method : SOP Client Method

Microbial — PASSED

Analyte	LOQ	Units	Result	Pass / Fail	Action Level
SALMONELLA SPP	0.0000		Not Present in 1g	PASS	
ASPERGILLUS FLAVUS	0.0000		Not Present in 1g	PASS	
ASPERGILLUS FUMIGATUS	0.0000		Not Present in 1g	PASS	
ASPERGILLUS NIGER	0.0000		Not Present in 1g	PASS	
ASPERGILLUS TERREUS	0.0000		Not Present in 1g	PASS	
ESCHERICHIA COLI REC	10.0000	CFU/g	<10	PASS	100

Analyzed by: 87, 39, 272 | **Weight:** 1.072g | **Extraction date:** 09/25/24 14:51:40 | **Extracted by:** 331

Analysis Method : SOP.T.40.056B, SOP.T.40.058.FL, SOP.T.40.208, SOP.T.40.209.AZ
Analytical Batch : TE005914MIC
Instrument Used : TE-234 "bioMerieux GENE-UP"
Analyzed Date : N/A
Reviewed On : 09/26/24 11:50:40
Batch Date : 09/24/24 12:03:17

Dilution : 10
Reagent : 091624.R20; 081224.20; 081324.01; 081324.47; 081324.50; 081324.55; 081324.66; 081324.13; 081324.20
Consumables : N/A
Pipette : N/A

Mycotoxins — PASSED

Analyte	LOQ	Units	Result	Pass / Fail	Action Level
TOTAL AFLATOXINS	4.8510	ppb	ND	PASS	20
AFLATOXIN B1	4.8510	ppb	ND	PASS	20
AFLATOXIN B2	5.9400	ppb	ND	PASS	20
AFLATOXIN G1	6.2700	ppb	ND	PASS	20
AFLATOXIN G2	10.7250	ppb	ND	PASS	20
OCHRATOXIN A	12.0000	ppb	ND	PASS	20

Analyzed by: 152, 39, 272, 87 | **Weight:** 0.5055g | **Extraction date:** 09/25/24 12:39:01 | **Extracted by:** 410

Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ
Analytical Batch : TE005946MYC
Instrument Used : N/A
Analyzed Date : 09/26/24 14:45:34
Reviewed On : 09/26/24 15:46:55
Batch Date : 09/26/24 14:42:31

Dilution : 25
Reagent : 091324.R12; 090524.R14; 091324.R13; 073024.R30; 091924.R02; 091824.R01; 091324.R31; 091924.R03; 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 Aflotoxins 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	0.6000	ppm	ND	PASS	0.2

Analyzed by: 398, 39, 272, 87 | **Weight:** 0.2038g | **Extraction date:** 09/24/24 19:32:21 | **Extracted by:** 398

Analysis Method : SOP.T.30.500, SOP.T.30.084.AZ, SOP.T.40.084.AZ
Analytical Batch : TE005926HEA
Instrument Used : TE-051 "Metals Hood",TE-141 "Wolfgang",TE-153 "Bill",TE-154 "Bill's PC",TE-157 "Bill Pump",TE-156 "Bill Chiller",TE-155 "Bill AS",TE-218 "Bill Monitor",TE-219 "Bill Monitor"
Analyzed Date : N/A
Reviewed On : 09/25/24 10:04:25
Batch Date : 09/24/24 16:23:39

Dilution : 50
Reagent : 101723.14; 092324.R01; 091624.R19; 032724.07; 081624.01; 100121.01
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).

Ariel Gonzales
Lab Director

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Type: Cannabis Flower

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Sample : TE40924004-014
Batch# : SORG240612
Sampled : 09/24/24
Ordered : 09/24/24

Sample Size Received : 18.58 gram
Total Amount : 7 gram
Completed : 09/27/24 **Expires:** 09/30/25
Sample Method : SOP Client Method

COMMENTS

* Confident Cannabis sample ID: 2409KLAZ0647.2675

* Cannabinoid TE40924004-014POT

1 - M3 : D9-THC

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Lab Director

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Sample Method : SOP Client Method

COMMENTS

* Confident Cannabis sample ID: 2409KLAZ0647.2675

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Lab Director

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