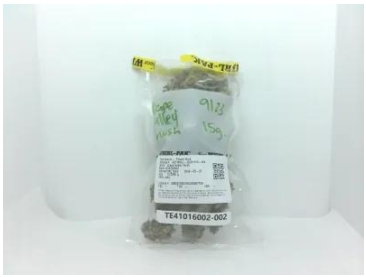
1231 W. Warner Road, Suite 105
Tempe, AZ, 85284, US
(480) 220-4470

Kaycha Labs

Grape Valley Kush
Grape Valley Kush
Matrix: Flower
Classification: Hybrid
Type: Cannabis Flower

Certificate of Analysis

Laboratory Sample ID: TE41016002-002



Production Method: Cured
Harvest/Lot ID: AZTRHCL-20241016-004
Batch#: GVK240923
Manufacturing Date: 2024-09-23
Lot Date : 2024-09-23
Harvest Date: 09/23/24
Sample Size Received: 17.80 gram
Total Amount: 7 gram
Retail Product Size: 15 gram
Retail Serving Size: 15 gram
Servings: 1
Ordered: 10/16/24
Sampled: 10/16/24
Sample Collection Time: 12:45 PM
Completed: 10/19/24

Oct 19, 2024 | Total Health & Wellness dba True Harvest

License # 00000100DCWU00857159
4301 W Buckeye Rd.
Phoenix, AZ , AZ, 85043, 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
29.0502%

Total CBD
ND

Total Cannabinoids
34.6606%

	D9-THC	THCA	CBD	CBDA	CBG	CBGA	CBN	D8-THC	THCV	CBDV	CBC
%	0.6215	32.4159	ND	ND	0.1614	1.4618	ND	ND	ND	ND	ND
mg/g	6.215	324.159	ND	ND	1.614	14.618	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, 135, 272, 399
Weight: 0.1955g
Extraction date: 10/16/24 17:28:15
Extracted by: 333,135

Analysis Method : SOP.T.30.500, SOP.T.30.031, SOP.T.40.031
Analytical Batch : TE006162POT
Instrument Used : TE-004 "Duke Leto" (Flower)
Analyzed Date : 10/17/24 12:41:57
Batch Date : 10/16/24 11:30:52

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
10/19/24

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Grape Valley Kush
Grape Valley Kush
Matrix : Flower
Type: Cannabis Flower

Certificate of Analysis

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Phoenix, AZ , AZ, 85043, US
Telephone: (612) 599-4361
Email: jpastor@trueharvestco.com
License # : 00000100DCWU00857159

Sample : TE41016002-002
Harvest/Lot ID: AZTRHCL-20241016-004
Lot Date : 09/23/24
Batch# : GVK240923
Sampled : 10/16/24
Ordered : 10/16/24
Sample Size Received : 17.80 gram
Total Amount : 7 gram
Completed : 10/19/24 **Expires:** 10/19/25
Sample Method : SOP Client Method

Terpenes

TESTED

Terpenes	LOQ (%)	mg/g	%	Result (%)
TOTAL TERPENES	0.0020	30.334	3.0334	
BETA-MYRCENE	0.0020	14.303	1.4303	
BETA-CARYOPHYLLENE	0.0020	6.732	0.6732	
LINALOOL	0.0020	2.435	0.2435	
LIMONENE	0.0020	2.313	0.2313	
ALPHA-HUMULENE	0.0020	2.135	0.2135	
ALPHA-BISABOLOL	0.0020	1.931	0.1931	
BETA-PINENE	0.0020	0.485	0.0485	
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	
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	
Total (%)			3.0330	

Terpenes	LOQ (%)	mg/g	%	Result (%)
ALPHA-PHELLANDRENE	0.0020	ND	ND	
ALPHA-PINENE	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	

Analyzed by: 409, 334, 272, 399
Weight: 0.2525g
Extraction date: 10/16/24 17:00:50
Extracted by: 334,445

Analysis Method : SOP.T.30.500, SOP.T.30.064, SOP.T.40.064
Analytical Batch : TE006169TER
Instrument Used : TE- 290 "AS - Terpenes 2",TE-291 "GC - Terpenes 2",TE-292 "MS - Terpenes 2",TE-279 Vacuum Pump - Terpenes 2
Batch Date : 10/16/24 14:26:33
Analyzed Date : 10/17/24 12:36:10

Dilution : N/A
Reagent : 101723.21; 051923.01; 061623.01
Consumables : 9479291.110; H109203-1; 04304030; 8000031463; 20240202; 1; GD23006; 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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ISO 17025 Accreditation # 97164

Signature
10/19/24

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Grape Valley Kush
Grape Valley Kush
Matrix : Flower
Type: Cannabis Flower

Certificate of Analysis

PASSED

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Phoenix, AZ , AZ, 85043, US
Telephone: (612) 599-4361
Email: jpastor@trueharvestco.com
License # : 00000100DCWU00857159

Sample : TE41016002-002
Harvest/Lot ID: AZTRHCL-20241016-004
Lot Date : 09/23/24
Batch# : GVK240923
Sampled : 10/16/24
Ordered : 10/16/24
Sample Size Received : 17.80 gram
Total Amount : 7 gram
Completed : 10/19/24 **Expires:** 10/19/25
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:	Weight:	Extraction date:	Extracted by:
152, 39, 272, 399	0.5084g	10/16/24 16:41:23	152,410

Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ
Analytical Batch : TE006159PES
Instrument Used : TE-262 "MS/MS - Pest/Myco 2",TE-117 UHPLC - Pest/Myco 2
Batch Date : 10/16/24 10:42:00
Analyzed Date : 10/18/24 15:07:44
Dilution : 25
Reagent : 100824.R61; 100824.R60; 100824.R28; 100824.R27; 101524.R34; 101524.R09; 100824.R22; 101524.R35
Consumables : N/A
Pipette : TE-060 SN:20C35457 (20-200uL); TE-065 SN:20B18327 (100-1000uL); 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:	Weight:	Extraction date:	Extracted by:
152, 39, 272, 399	0.5084g	10/16/24 16:41:23	152,410

Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.154.AZ
Analytical Batch : TE006184VOL
Instrument Used : TE-117 UHPLC - Pest/Myco 2,TE-262 "MS/MS - Pest/Myco 2
Batch Date : 10/17/24 12:26:54
Analyzed Date : 10/18/24 15:10:36
Dilution : 25
Reagent : 100824.R61; 100824.R60; 100824.R28; 100824.R27; 101524.R34; 101524.R09; 100824.R22; 101524.R35
Consumables : N/A
Pipette : TE-060 SN:20C35457 (20-200uL); TE-065 SN:20B18327 (100-1000uL); 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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10/19/24

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Grape Valley Kush
Grape Valley Kush
Matrix : Flower
Type: Cannabis Flower

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PASSED

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Phoenix, AZ , AZ, 85043, US
Telephone: (612) 599-4361
Email: jpastor@trueharvestco.com
License # : 00000100DCWU00857159

Sample : TE41016002-002
Harvest/Lot ID: AZTRHCL-20241016-004
Lot Date : 09/23/24
Batch# : GVK240923
Sampled : 10/16/24
Ordered : 10/16/24
Sample Size Received : 17.80 gram
Total Amount : 7 gram
Completed : 10/19/24 **Expires:** 10/19/25
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, 272, 399 | **Weight:** 1.0777g | **Extraction date:** 10/18/24 12:04:15 | **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 : TE006176MIC
Instrument Used : TE-234 "bioMerieux GENE-UP"
Batch Date : 10/16/24 17:34:03
Analyzed Date : 10/19/24 19:33:33

Dilution : 10
Reagent : N/A
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, 399 | **Weight:** 0.5084g | **Extraction date:** 10/16/24 16:41:23 | **Extracted by:** 152,410

Analysis Method : SOP.T.30.500, SOP.T.30.104.AZ, SOP.T.40.104.AZ
Analytical Batch : TE006183MYC
Instrument Used : TE-262 "MS/MS - Pest/Myco 2,TE-117 UHPLC - Pest/Myco 2
Batch Date : 10/17/24 12:25:42
Analyzed Date : 10/18/24 15:09:34

Dilution : 25
Reagent : 100824.R61; 100824.R60; 100824.R28; 100824.R27; 101524.R34; 101524.R09; 100824.R22; 101524.R35
Consumables : N/A
Pipette : TE-060 SN:20C35457 (20-200uL); TE-065 SN:20B18327 (100-1000uL); 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, 272, 399 | **Weight:** 0.1932g | **Extraction date:** 10/18/24 12:02:40 | **Extracted by:** 398

Analysis Method : SOP.T.30.500, SOP.T.30.084.AZ, SOP.T.40.084.AZ
Analytical Batch : TE006192HEA
Instrument Used : TE-153 "Bill"
Batch Date : 10/17/24 16:12:33
Analyzed Date : 10/18/24 16:50:15

Dilution : 50
Reagent : 101723.15; 101024.R01; 100824.R09; 032724.08; 101124.01; 100121.01
Consumables : 20240202; 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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Type: Cannabis Flower

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Sample : TE41016002-002
Harvest/Lot ID: AZTRHCL-20241016-004
Lot Date : 09/23/24
Batch# : GVK240923
Sampled : 10/16/24
Ordered : 10/16/24
Sample Size Received : 17.80 gram
Total Amount : 7 gram
Completed : 10/19/24 **Expires:** 10/19/25
Sample Method : SOP Client Method

COMMENTS

* Confident Cannabis sample ID: 2410KLAZ0720.2991

* Pesticide TE41016002-002PES

1 - M2: Total Spinosad.

* Cannabinoid TE41016002-002POT

1 - M3:CBDV CBDA CBGA CBG CBD THCV CBN d9-THC d8-THC CBC THCA

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Lab Director

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Sample : TE41016002-002
Harvest/Lot ID: AZTRHCL-20241016-004
Lot Date : 09/23/24

Batch# : GVK240923
Sampled : 10/16/24
Ordered : 10/16/24

Sample Size Received : 17.80 gram
Total Amount : 7 gram
Completed : 10/19/24 **Expires:** 10/19/25
Sample Method : SOP Client Method

COMMENTS

* Confident Cannabis sample ID: 2410KLAZ0720.2991

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