



Certificate of Analysis

Sample:KN21128009-002
Harvest/Lot ID: 112222
Batch#: 456
Seed to Sale# N/A
Batch Date: N/A
Sample Size Received: 25 gram
Total Batch Size: N/A
Retail Product Size: 75 gram
Ordered : 11/22/22
Sampled : 11/22/22
Completed: 12/12/22
Sampling Method: N/A

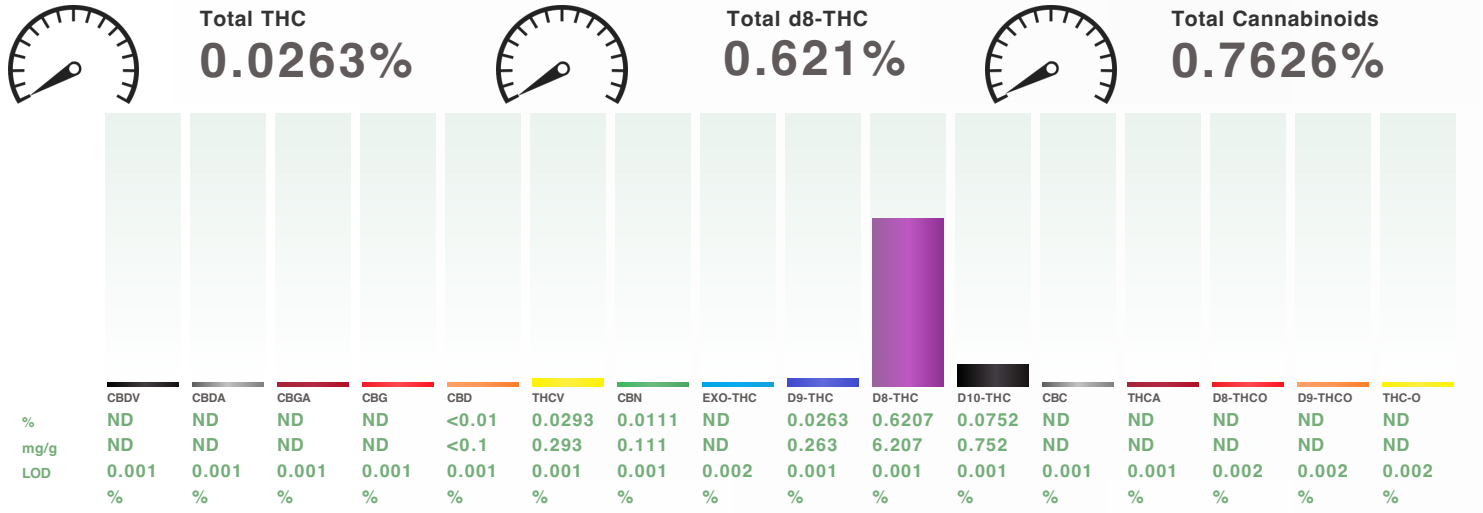
Dec 12, 2022 | The Kush Guys Hemp Co
724 Eberhart Ln
Austin, TX, 78745, US

PASSED

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PRODUCT IMAGE	SAFETY RESULTS								MISC.
	Pesticides PASSED	Heavy Metals PASSED	Microbials PASSED	Mycotoxins PASSED	Residuals Solvents PASSED	Filtration PASSED	Water Activity NOT TESTED	Moisture NOT TESTED	Terpenes NOT TESTED

	Cannabinoid	PASSED
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Analyzed by: 2837, 2657 Weight: 0.2007g Extraction date: 11/28/22 13:39:38 Extracted by: 2837

Analysis Method : SOP.T.30.031.TN& SOP.T.40.031.TN Expanded Measurement of Uncertainty: Flower Matrix d9-THC:12.7%, THCA:9.5%, TOTALTHC11.1%. These uncertainties represent an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor k=2 for a normal distribution.

Analytical Batch : KN003177POT Reviewed On : 11/30/22 14:52:18
Instrument Used : HPLCE-SHI-008 Batch Date : 11/28/22 08:31:13
Running on : N/A

Dilution : N/A
Reagent : 062422.03; 100422.02; 112122.R01; 112222.R03; 102422.05; 100522.02
Consumables : 294108110; 22/04/01; n/a; 239146; 220325059-D; IP250.100
Pipette : E-GIL-010; E-EPP-081

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV/PDA detection (HPLC-UV/PDA). All cannabinoids have an LOQ of 0.01%.

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Sue Ferguson

Lab Director

State License # n/a
ISO Accreditation # 17025:2017

Signature

12/12/22

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orders@thekushguys.com

Sample :KN21128009-002

Harvest/Lot ID:112222

Batch# :456

Sampled : 11/22/22

Ordered : 11/22/22

Sample Size Received :25 gram

Total Batch Size :N/A

Completed : 12/12/22 Expires: 12/12/23

Sample Method : SOPClient Method

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Pesticides

PASSED

Pesticide	LOD	Units	Action Level	Pass/Fail	Result	Pesticide	LOD	Units	Action Level	Pass/Fail	Result
ABAMECTIN B1A	0.01	ppm	0.3	PASS	ND	PRALLETHRIN	0.01	ppm	0.4	PASS	ND
ACEPHATE	0.01	ppm	3	PASS	ND	PROCONAZOLE	0.01	ppm	1	PASS	ND
ACEQUINOCYL	0.01	ppm	2	PASS	ND	PROPOXUR	0.01	ppm	0.1	PASS	ND
ACETAMIPRID	0.01	ppm	3	PASS	ND	PYRETHRINS	0.01	ppm	1	PASS	ND
ALDICARB	0.01	ppm	0.1	PASS	ND	PYRIDABEN	0.01	ppm	3	PASS	ND
AZOXYSTROBIN	0.01	ppm	3	PASS	ND	SPINETORAM	0.01	ppm	3	PASS	ND
BIFENAZATE	0.01	ppm	3	PASS	ND	SPIROMESIFEN	0.01	ppm	3	PASS	ND
BIFENTHRIN	0.01	ppm	0.5	PASS	ND	SPIROTETRAMAT	0.01	ppm	3	PASS	ND
BOSCALID	0.01	ppm	3	PASS	ND	SPIROXAMINE	0.01	ppm	0.1	PASS	ND
CARBARYL	0.01	ppm	0.5	PASS	ND	TEBUCONAZOLE	0.01	ppm	1	PASS	ND
CARBOFURAN	0.01	ppm	0.1	PASS	ND	THIACLOPRID	0.01	ppm	0.1	PASS	ND
CHLORANTRANILIPROLE	0.01	ppm	3	PASS	ND	THIAMETHOXAM	0.01	ppm	1	PASS	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	3	PASS	ND	TOTAL SPINOSAD	0.01	ppm	3	PASS	ND
CHLORPYRIFOS	0.01	ppm	0.1	PASS	ND	TRIFLOXYSTROBIN	0.01	ppm	3	PASS	ND
CLOFENTZINE	0.01	ppm	0.5	PASS	ND						
COUMAPHOS	0.01	ppm	0.1	PASS	ND						
DAMINOZIDE	0.01	ppm	0.1	PASS	ND						
DIAZANON	0.01	ppm	0.2	PASS	ND						
DICHLORVOS	0.01	ppm	0.1	PASS	ND						
DIMETHOATE	0.01	ppm	0.1	PASS	ND						
DIMETHOMORPH	0.01	ppm	3	PASS	ND						
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND						
ETOFENPROX	0.01	ppm	0.1	PASS	ND						
ETOXAZOLE	0.01	ppm	1.5	PASS	ND						
FENHEXAMID	0.01	ppm	3	PASS	ND						
FENOXYCARB	0.01	ppm	0.1	PASS	ND						
FENPYROXIMATE	0.01	ppm	2	PASS	ND						
FIPRONIL	0.01	ppm	0.1	PASS	ND						
FLONICAMID	0.01	ppm	2	PASS	ND						
FLUDIOXONIL	0.01	ppm	3	PASS	ND						
HEXYTHIAZOX	0.01	ppm	2	PASS	ND						
IMAZALIL	0.01	ppm	0.1	PASS	ND						
IMIDACLOPRID	0.01	ppm	3	PASS	ND						
KRESOXIM-METHYL	0.01	ppm	1	PASS	ND						
MALATHION	0.01	ppm	2	PASS	ND						
METALAXYL	0.01	ppm	3	PASS	ND						
METHIOCARB	0.01	ppm	0.1	PASS	ND						
METHOMYL	0.01	ppm	0.1	PASS	ND						
MEVINPHOS	0.01	ppm	0.1	PASS	ND						
MYCLOBUTANIL	0.01	ppm	3	PASS	ND						
NALED	0.01	ppm	0.5	PASS	ND						
OXAMYL	0.01	ppm	0.5	PASS	ND						
PACLOBUTRAZOL	0.01	ppm	0.1	PASS	ND						
PERMETHRINS	0.01	ppm	1	PASS	ND						
PHOSMET	0.01	ppm	0.2	PASS	ND						
PIPERONYL BUTOXIDE	0.01	ppm	3	PASS	ND						

Analyzed by: 2368, 2803 Weight: 0.5025g Extraction date: 12/07/22 17:06:55 Extracted by: 2803

Analysis Method : SOP.T.40.101.TN
Analytical Batch : KN003211PES Reviewed On : 12/07/22 17:47:40
Instrument Used : E-SHI-125Pesticides Batch Date : 12/06/22 13:30:40
Running on : N/A
Dilution : 0.01
Reagent : N/A
Consumables : N/A
Pipette : N/A

Testing for agricultural agents is performed utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry. *Based on FLaction limits.

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Sue Ferguson

Lab Director

State License# n/a
ISO Accreditation # 17025:2017

Signature

12/12/22

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Sample :KN21128009-002

Harvest/Lot ID:112222

Batch# :456

Sampled : 11/22/22

Ordered : 11/22/22


Sample Size Received :25 gram

Total Batch Size :N/A

Completed : 12/12/22 Expires: 12/12/23

Sample Method : SOPClient Method

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Residual Solvents

PASSED

Solvents	LOD	Units	Action Level	Pass/Fail	Result
PROPANE	500	ppm	2100	PASS	ND
BUTANES (N-BUTANE)	500	ppm	2000	PASS	ND
METHANOL	25	ppm	3000	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
PENTANES (N-PENTANE)	75	ppm	5000	PASS	ND
ETHANOL	500	ppm	5000	PASS	ND
ETHYL ETHER	50	ppm	5000	PASS	ND
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
ACETONE	75	ppm	5000	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONITRILE	6	ppm	410	PASS	ND
DICHLOROMETHANE	12.5	ppm	600	PASS	ND
N-HEXANE	25	ppm	290	PASS	ND
ETHYL ACETATE	40	ppm	5000	PASS	ND
CHLOROFORM	0.2	ppm	60	PASS	ND
BENZENE	0.1	ppm	2	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	5	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	80	PASS	ND
TOLUENE	15	ppm	890	PASS	ND
TOTAL XYLENES- M, P & O - DIMETHYLBENZENE	15	ppm	2170	PASS	ND

Analyzed by: N/A	Weight: N/A	Extraction date: N/A	Extracted by: N/A
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Analysis Method : SOP.T.40.041.TN

Analytical Batch : KN003209SOL

Instrument Used : E-SHI-106Residual Solvents

Running on : N/A

Reviewed On : 12/12/22 19:55:59

Batch Date : 12/06/22 12:59:08

Dilution : N/A

Reagent : N/A

Consumables : N/A

Pipette : N/A

Residual solvents analysis is performed using Gas Chromatography / Mass Spectrometry. *Based on FLaction limits.

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Revision: #2 This revision supersedes any and all previous versions of this document.

Sue Ferguson

Lab Director

State License# n/a
ISO Accreditation # 17025:2017

Signature

12/12/22

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Harvest/Lot ID:112222
Batch# :456
Sampled : 11/22/22
Ordered : 11/22/22

Sample Size Received :25 gram
Total Batch Size :N/A
Completed : 12/12/22 Expires:12/12/23
Sample Method : SOPClient Method

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Microbial						Mycotoxins					
Analyte	LOD	Units	Result	Pass / Fail	Action Level	Analyte	LOD	Units	Result	Pass / Fail	Action Level
ESCHERICHIA COLI SHIGELLA SPP			Not Present	PASS		AFLATOXIN G2	0.002	ppm	ND	PASS	0.02
SALMONELLA SPECIFIC GENE			Not Present	PASS		AFLATOXIN G1	0.002	ppm	ND	PASS	0.02
ASPERGILLUS FLAVUS			Not Present	PASS		AFLATOXIN B2	0.002	ppm	ND	PASS	0.02
ASPERGILLUS FUMIGATUS			Not Present	PASS		AFLATOXIN B1	0.002	ppm	ND	PASS	0.02
ASPERGILLUS NIGER			Not Present	PASS		OCHRATOXIN A+	0.002	ppm	ND	PASS	0.02
ASPERGILLUS TERREUS			Not Present	PASS		TOTAL MYCOTOXINS	0.002	ppm	ND	PASS	0.02
Analyzed by: 2368, 2805, 12 Weight: 1.0772g Extraction date: 12/06/22 16:03:44 Extracted by: 2805 Analysis Method : SOP.T.40.043 Analytical Batch : KN003207MIC Reviewed On : 12/12/22 20:54:09 Instrument Used : Micro E-HEW-069 Batch Date : 12/06/22 12:00:45 Running on : N/A Dilution : N/A Reagent : N/A Consumables : N/A Pipette : N/A						Analyzed by: 2368, 2803 Weight: 0.5025g Extraction date: 12/07/22 17:06:55 Extracted by: 2803 Analysis Method : SOP.T.40.101.TN Analytical Batch : KN003215MYC Reviewed On : 12/07/22 17:58:21 Instrument Used : E-SHI-125Mycotoxins Batch Date : 12/07/22 17:10:50 Running on : N/A Dilution : 0.01 Reagent : N/A Consumables : N/A Pipette : N/A					

Aflatoxins B1, B2, G1, G2, and Ochratoxins Mycotoxins testing utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry. *Based on FLaction limits.

Heavy Metals					
Metal	LOD	Units	Result	Pass / Fail	Action Level
ARSENIC-AS	0.02	ppm	ND	PASS	1.5
CADMIUM-CD	0.02	ppm	ND	PASS	0.5
MERCURY-HG	0.02	ppm	ND	PASS	3
LEAD-PB	0.02	ppm	ND	PASS	0.5
Analyzed by: 2368, 2837, 138 Weight: 0.2559g Extraction date: 12/07/22 13:37:27 Extracted by: 2837 Analysis Method : SOP.T.30.082, SOP.T.40.082.TN Analytical Batch : KN003213HEA Reviewed On : 12/07/22 15:51:58 Instrument Used : Metals ICP/MS Batch Date : 12/07/22 09:53:02 Running on : N/A Dilution : N/A Reagent : 062422.03; 101322.R14; 032522.01; 111022.R03; 120122.R05; 101422.R14; 112922.R01; 111122.09 Consumables : 40554-834C4-834D; 829C6-829B; 108779-06-102921; 12568-237CD-237C; A29564150 Pipette : E-EPP-082;E-VWR-099; E-VWR-120					

Heavy Metals analysis is performed using ICP-MS(Inductively Coupled Plasma–Mass Spectrometer) which can screen down to single digit ppb concentrations. *Based on FLaction limits.

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Harvest/Lot ID:112222

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Total Batch Size :N/A

Completed : 12/12/22 Expires:12/12/23

Sample Method : SOPClient Method

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	Filth/Foreign Material	PASSED
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Analyte	LOD	Units	Result	P/F	Action Level
Filth and Foreign Material	1	detect/g	ND	PASS	3

Analyzed by: 2368, 2805	Weight: 0.6682g	Extraction date: 12/06/22 16:07:13	Extracted by: 2805
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Analysis Method : SOP.T.40.090	Reviewed On : 12/06/22 16:10:32
Analytical Batch : KN003212FIL	Batch Date : 12/06/22 16:06:30
Instrument Used : E-AMS-138Microscope	
Running on : N/A	

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

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. A SW-2T13Stereo Microscope is use for inspection.

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