



Certificate of Analysis

PASSED

Sample: KN20801012-008

Harvest/Lot ID: 411

Batch#: 73745

Seed to Sale# N/A

Batch Date: 07/25/22

Sample Size Received: 100 gram

Total Batch Size: N/A

Retail Product Size: 100 gram

Ordered : 07/25/22

Sampled : 07/25/22

Completed: 08/20/22

Sampling Method: N/A



PASSED


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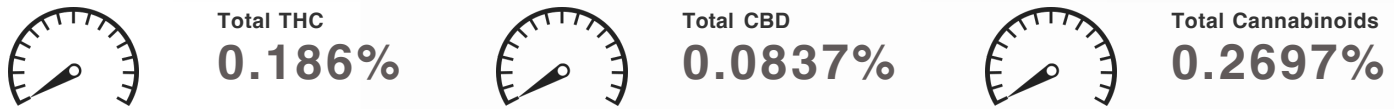
Aug 25, 2022 | The Kush Guys Hemp Co

724 Eberhart Ln

Austin, TX, 78745, US

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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%	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	EXO-THC	D9-THC	D8-THC	D10-THC	CBC	THCA	D8-THCO	D9-THCO	THC-O
mg/g	ND	ND	ND	ND	0.837	<0.1	ND	ND	1.86	<0.1	ND	ND	ND	ND	ND	ND
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.002	0.001	0.001	0.001	0.001	0.001	0.002	0.002	0.002
%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by: 2692 Weight: 0.2325g Extraction date: 08/08/22 08:36:21 Extracted by: 2692
 Analysis Method : 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 : KN002722POT Reviewed On : 08/05/22 16:06:21
 Instrument Used : HPLCE-SHI-008 Batch Date : 08/02/22 12:05:59
 Running on : N/A

Dilution : N/A
 Reagent : 081321.R04; 071322.R01; 063022.R02; 060622.34; 062422.02
 Consumables : 294033242; n/a; 947B9291.271; 200331059
 Pipette : E-GIL-011; E-GIL-013
 Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV/PDA detection (HPLC-UV/PDA). (Method: SOP.T.30.031.TN for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis). *Based on FL action limits.

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Sue Ferguson
 Lab Director
 State License# n/a
 ISO Accreditation # 17025:2017

 Signature

08/20/22
 Signed On



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PASSED

The Kush Guys Hemp Co
724 Eberhart Ln
Austin, TX, 78745, US
orders@thekushguys.com

Sample :KN20801012-008

Harvest/Lot ID: 411

Batch# : 73745

Sampled : 07/25/22

Ordered : 07/25/22

Sample Size Received : 100 gram

Total Batch Size : N/A

Completed : 08/20/22 Expires: 08/20/23

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	PIPERONYL BUTOXIDE	0.01	ppm	3	PASS	ND
ACEPHATE	0.01	ppm	3	PASS	ND	PRALLETHRIN	0.01	ppm	0.4	PASS	ND
ACEQUINOCYL	0.01	ppm	2	PASS	ND	PROPICONAZOLE	0.01	ppm	1	PASS	ND
ACETAMIPRID	0.01	ppm	3	PASS	ND	PROPOXUR	0.01	ppm	0.1	PASS	ND
ALDICARB	0.01	ppm	0.1	PASS	ND	PYRETHRINS	0.01	ppm	1	PASS	ND
AZOXYSTROBIN	0.01	ppm	3	PASS	ND	PYRIDABEN	0.01	ppm	3	PASS	ND
BIFENAZATE	0.01	ppm	3	PASS	ND	SPINETORAM	0.01	ppm	3	PASS	ND
BIFENTHRIN	0.01	ppm	0.5	PASS	ND	SPIROMESIFEN	0.01	ppm	3	PASS	ND
BOSCALID	0.01	ppm	3	PASS	ND	SPIROTETRAMAT	0.01	ppm	3	PASS	ND
CARBARYL	0.01	ppm	0.5	PASS	ND	SPIROXAMINE	0.01	ppm	0.1	PASS	ND
CARBOFURAN	0.01	ppm	0.1	PASS	ND	TEBUCONAZOLE	0.01	ppm	1	PASS	ND
CHLORANTRANILIPROLE	0.01	ppm	3	PASS	ND	THIACLOPRID	0.01	ppm	0.1	PASS	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	3	PASS	ND	THIAMETHOXAM	0.01	ppm	1	PASS	ND
CHLORPYRIFOS	0.01	ppm	0.1	PASS	ND	TOTAL SPINOSAD	0.01	ppm	3	PASS	ND
CLOFENTHIZINE	0.01	ppm	0.5	PASS	ND	TRIFLOXYSTROBIN	0.01	ppm	3	PASS	ND
COUMAPHOS	0.01	ppm	0.1	PASS	ND						
CYPERMETHRIN	0.01	ppm	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						

Analyzed by: 2368, 12 Weight: 0.2088g Extraction date: 08/17/22 18:17:40 Extracted by: 12

Analysis Method :SOP.T.30.060, SOP.T.40.060 Reviewed On :08/17/22 18:32:37

Analytical Batch :KN002793PES Batch Date :08/17/22 18:10:52

Instrument Used :N/A

Running on :N/A

Dilution : N/A

Reagent : N/A

Consumables : N/A

Pipette : N/A

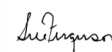
Pesticide analysis is performed using LC-MSMS which can quantify down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 61 Pesticides. (Methods: SOP.T.30.065 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T.40.065 Procedure for Pesticide Quantification Using LCMSMS). *Based on FL action limits.

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Sue Ferguson

Lab Director

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



Signature

08/20/22

Signed On



Certificate of Analysis

PASSED

 The Kush Guys Hemp Co
 724 Eberhart Ln
 Austin, TX, 78745, US
 orders@thekushguys.com

 Sample :KN20801012-008
 Harvest/Lot ID: 411
 Batch# : 73745
 Sampled : 07/25/22
 Ordered : 07/25/22

 Sample Size Received : 100 gram
 Total Batch Size : N/A
 Completed : 08/20/22 Expires: 08/20/23
 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	29.6647
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.40.032
 Analytical Batch : KN002763SOL
 Instrument Used : E-SHI-106Residual Solvents
 Running on : N/A

 Reviewed On : 08/12/22 18:55:24
 Batch Date : 08/11/22 10:27:14

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

Residual solvents analysis is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 22 residual solvents. (Method: SOP.T.40.032Residual Solvents Analysis via GC-MS). *Based on FLaction limits.

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Sample :KN20801012-008
Harvest/Lot ID: 411
Batch# : 73745
Sampled : 07/25/22
Ordered : 07/25/22

Sample Size Received : 100 gram
Total Batch Size : N/A
Completed : 08/20/22 Expires: 08/20/23
Sample Method : SOPClient Method

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	Microbial	PASSED		Mycotoxins	PASSED
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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, 2657	Weight: 1.0752g	Extraction date: 08/11/22 10:36:39	Extracted by: 2657	Analyzed by: 2368, 12	Weight: 0.2088g	Extraction date: 08/20/22 21:23:30	Extracted by: 12
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Analysis Method : SOP.T.40.043	Reviewed On : 08/18/22 14:33:34	Analysis Method : SOP.T.30.060, SOP.T.40.060	Reviewed On : 08/20/22 21:29:16
Analytical Batch : KN002760MIC	Batch Date : 08/10/22 14:42:03	Analytical Batch : KN002803MYC	Batch Date : 08/20/22 20:46:28
Instrument Used : Micro E-HEW-069		Instrument Used : N/A	
Running on : N/A		Running on : N/A	

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

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.043) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.060 for Sample Preparation and SOP.T40.065 Procedure for Mycotoxins Quantification Using LCMSMS.LOQ5.0 ppb). *Based on FLaction limits.

	Heavy Metals	PASSED
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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, 138, 12	Weight: 0.2617g	Extraction date: 08/15/22 16:31:17	Extracted by: 138
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Analysis Method : SOP.T.40.050, SOP.T.30.052	Reviewed On : 08/15/22 17:04:54
Analytical Batch : KN002767HEA	Batch Date : 08/12/22 10:07:12
Instrument Used : Metals ICP/MS	
Running on : N/A	

Dilution : 50	Dilution : N/A
Reagent : N/A	Reagent : N/A
Consumables : N/A	Consumables : N/A
Pipette : N/A	Pipette : N/A

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma-Mass Spectrometer) which can screen down to single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.082 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.082TN Heavy Metals Analysis via ICP-MS.

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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, 2657	Weight: 0.5852g	Extraction date: 08/11/22 10:46:17	Extracted by: 2657
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Analysis Method : SOP.T.30.074, SOP.T.40.074
Analytical Batch : KN002750FIL
Instrument Used : E-AMS-138Microscope
Running on : N/A

Reviewed On : 08/11/22 10:53:37
Batch Date : 08/09/22 10:22:40

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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Revision: #1 This revision supersedes any and all previous versions of this document.

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