



Kush Kolectiv

Sample 231-030121-019

Kush Squares- Caramel

Batch/Lot # KKC-022221

Sample Submitted: 03-01-2021; Report Date: 03-01-2021

Sample Unit Size: 11.09 g

Kush Squares- Caramel

Batch/Lot # KKC-022221

Edible: Candy

Sample



Cannabinoid Profile



Cannabinoid Profile by HPLC

0.00%
Calculated THC Yield

0.00%
Calculated CBD Yield

0.22%
Total Cannabinoids

Cannabinoid	% wt	mg/unit
Delta-8-THC	0.22	24.39
THC	0.0	0.0
Total Cannabinoids	0.22	24.4
Calculated THC Yield	0.00	0.00
Calculated CBD Yield	0.00	0.00

Calculated Maximum THC Yield = THC + 0.877 * THCA
 Calculated Maximum CBD Yield = CBD + 0.877 * CBDA

Marin Analytics, LLC

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 Novato, CA 94949

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Sara Biancalana
 Chief Scientist

This sample has been tested by Marin Analytics, LLC using valid testing methodologies and a quality system. Values reported relate only to the sample tested. Marin Analytics, LLC makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Marin Analytics, LLC.

PharmLabs Dallas LLC Certificate of Analysis

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 ISO/IEC 17025:2017 Certification L20-89-5 | Accreditation #85368



Sample **Kush Squares- Caramel KKC-022221**

Sample ID TX210323-034 (1384)	Matrix Edible
Tested for Kush Kolektiv	
Sampled -	Received Mar 23, 2021
Reported Mar 31, 2021	
Analyses executed RES, MIB, MTO, PES, HME	

HME - Heavy Metals Detection Analysis

Analyzed Mar 26, 2021 | Instrument ICP-MS | Method SOP-005

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g	Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Arsenic (As)	0.00055	0.00167	0.00	1.5	Cadmium (Cd)	0.00042	0.00127	0.00	0.3
Mercury (Hg)	0.00046	0.0014	0.00	0.5	Lead (Pb)	0.00036	0.0011	0.02	1.0

Sample photography



MIB - Microbial Testing Analysis

Analyzed Mar 30, 2021 | Instrument qPCR and/or Plating | Method WI-35, WI-36, WI-37, SOP-007

Analyte	Result CFU/g	Limit	Analyte	Result CFU/g	Limit
Shiga toxin-producing Escherichia Coli	Negative	ND per 1 gram	Salmonella spp.	Negative	ND per 1 gram
Aspergillus fumigatus	Negative	ND per 1 gram	Aspergillus flavus	Negative	ND per 1 gram
Aspergillus niger	Negative	ND per 1 gram	Aspergillus terreus	Negative	ND per 1 gram

MTO - Mycotoxin Testing Analysis

Analyzed Mar 31, 2021 | Instrument LC-MS/MS | Method WI-29, WI-30

Analyte	LOD ppb	LOQ ppb	Result ug/kg (ppb)	Limit ug/kg	Analyte	LOD ppb	LOQ ppb	Result ug/kg (ppb)	Limit ug/kg
Aflatoxin B1	0.003	0.01	ND	20	Aflatoxin B2	0.01	0.03	ND	20
Aflatoxin G1	0.006	0.019	ND	20	Aflatoxin G2	0.013	0.039	ND	20
Ochratoxin A	0.019	0.058	ND	20	Total Aflatoxins	0.013	0.039	ND	20

ND Not Detected
 N/A Not Applicable
 NT Not Reported
 LOD Limit of Detection
 LOQ Limit of Quantification
 <LOQ Detected
 >ULOL Above upper limit of linearity
 CFU/g Colony Forming Units per 1 gram
 TNTC Too Numerous to Count



Scan the QR code to verify authenticity.

Authorized Signature

 Dr. Archana R. Parameswar,
 Laboratory Director
 Wed, 31 Mar 2021 16:39:00 -0500

PES - Pesticides Screening Analysis

Analyzed Mar 31, 2021 | Instrument LC-MS/MS | Method WI-29, WI-30

Analyte	LOD ppb	LOQ ppb	Result ug/g	Limit ug/g	Analyte	LOD ppb	LOQ ppb	Result ug/g	Limit ug/g
Abamectin	0.11	0.33	ND	0.3	Acephate	0.23	0.7	ND	5
Acequinocyl	0.11	0.32	ND	4	Acetamiprid	0.02	0.05	ND	5
Aldicarb	0.02	0.05	ND	0.4	Azoxystrobin	0.02	0.06	ND	40
Bifenazate	0.01	0.03	ND	5	Bifenthrin	0.02	0.06	ND	0.5
Boscalid	0.06	0.17	ND	10	Carbaryl	0.01	0.04	ND	0.5
Carbofuran	0.01	0.02	ND	0.01	Chlorantraniliprole	0.01	0.03	ND	40
Chlorpyrifos	0.01	0.03	ND	0.01	Clofentezine	0.01	0.04	ND	0.5
Coumaphos	0.04	0.12	ND	0.04	Cyfluthrin	2.32	7.02	ND	2.32
Cypermethrin	0.37	1.13	ND	1	Daminozide	0.55	1.65	ND	0.55
Diazinon	0.01	0.04	ND	0.2	Dichlorvos	0.05	0.14	ND	0.05
Dimethoate	0.01	0.02	ND	0.01	Dimethomorph	0.01	0.03	ND	20
Ethoprophos (Prophos)	0.02	0.05	ND	0.02	Etofenprox	0.01	0.04	ND	0.01
Etoxazole	0.01	0.02	ND	1.5	Fenhexamid	0.04	0.14	ND	10
Fenoxycarb	0.02	0.06	ND	0.02	Fenpyroximate	0.01	0.04	ND	2
Fipronil	0.01	0.04	ND	0.01	Fludioxinil	0.02	0.05	ND	30
Flonicamide	0.01	0.03	ND	2	Hexythiazox	0.01	0.02	ND	2
Imazalil	0.06	0.17	ND	0.06	Imidacloprid	0.04	0.11	ND	0.4
Kresoxim-methyl	0.02	0.05	ND	1	Malathion	0.01	0.03	ND	5
Metalaxyl	0.01	0.02	ND	15	Methiocarb	0.01	0.03	ND	0.4
Methomyl	0.02	0.05	ND	0.4	Mevinphos	0.06	0.18	ND	0.06
Myclobutanil	1.19	3.61	ND	9	Naled	0.03	0.08	ND	0.5
Oxamyl	0.02	0.05	ND	1	Paclobutrazole	0.02	0.06	ND	0.02
Permethrin	0.08	0.26	ND	20	Phosmet	0.01	0.03	ND	0.2
Piperonyl Butoxide	0.01	0.04	ND	8	Prallethrin	0.1	0.3	ND	0.4
Propiconazole	0.07	0.22	ND	20	Baygon (Propoxur)	0.01	0.03	ND	0.01
Pyrethrin-I	0.02	0.06	ND	1	Pyridaben	0.01	0.02	ND	3
Spinetoram	0.23	0.69	ND	3	Spinosyn A	0.01	0.02	ND	3
Spinosyn D	0.005	0.01	ND	3	Spiromesifen	0.05	0.14	ND	12
Spirotetramat	0.01	0.03	ND	13	Spiroxamine	0.01	0.03	ND	0.01
Tebuconazole	0.01	0.03	ND	2	Thiachloprid	0.01	0.03	ND	0.01
Thiamethoxam	0.01	0.04	ND	4.5	Trifloxystrobin	0.01	0.03	ND	30
Methyl Parathion	0.05	0.14	ND	8.5	Chlorfenapyr	0.83	2.53	ND	0.83
Chlordane	0.74	2.25	ND	0.74	Pentachloronitrobenzene	0.06	0.17	ND	0.2

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 >ULOL Above upper limit of linearity
 CFU/g Colony Forming Units per 1 gram
 TNTC Too Numerous to Count



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Authorized Signature

Archana

Dr. Archana R. Parameswar,
Laboratory Director
Wed, 31 Mar 2021 16:39:00 -0500

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RES - Residual Solvents Testing Analysis

Analyzed Mar 29, 2021 | Instrument GC-MSD | Method WI-31

Analyte	LOD ppm	LOQ ppm	Result ug/g	Limit ug/g	Analyte	LOD ppm	LOQ ppm	Result ug/g	Limit ug/g
Propane (Prop)	0.466	1.411	ND	5000	Butane (But)	0.202	0.611	ND	5000
Methanol (Metha)	0.074	0.226	ND	3000	Ethylene Oxide (EthOx)	0.001	0.004	ND	1
Pentane (Pen)	0.134	0.407	ND	5000	Ethanol (Ethan)	0.126	0.383	ND	5000
Ethyl Ether (EthEt)	0.022	0.066	ND	5000	Acetone (Acet)	0.059	0.178	ND	5000
Isopropanol (2-Pro)	0.031	0.094	ND	5000	Acetonitrile (Acetonit)	0.018	0.056	ND	410
Methylene Chloride (MetCh)	0.007	0.021	ND	1	Hexane (Hex)	0.026	0.078	ND	290
Ethyl Acetate (EthAc)	0.028	0.085	ND	5000	Chloroform (Clo)	0.01	0.031	ND	1
Benzene (Ben)	0.008	0.025	ND	1	1-2-Dichloroethane (12-Dich)	0.01	0.031	ND	1
Heptane (Hep)	0.021	0.063	ND	5000	Trichloroethylene (TriClEth)	0.01	0.029	ND	1
Toluene (Toluene)	0.006	0.018	ND	890	M,P-Xylene (mp-xyl)	0.01	0.029	ND	2170
O-Xylene (o-xyl)	0.008	0.024	ND	2170					

*The limit of 2170 ug/g for M,P-Xylene (mp-xyl) and O-Xylene (o-xyl) is to be intended as the two analytes combined.

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 CFU/g Colony Forming Units per 1 gram
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