

Koodegras

8757 So. State St.
Sandy, UT 84070
(435) 299-0248

Laboratory Number: 2007214-02

Batch #: 3-1-4

Sample Received: 7/15/2020; Report Created: 8/7/2020

Koodegras Flavored Gummies

Ingestible

Sample Image



Terpenes (GCMS-MS) Analyzed: By:

Compound	mg/g	%
alpha-Bisabolol	NT	NT
(-)-Borneol and (+)-Borneol	NT	NT
Camphene	NT	NT
Camphor	NT	NT
beta-Caryophyllene	NT	NT
trans-Caryophyllene	NT	NT
Caryophyllene Oxide	NT	NT
alpha-Cedrene	NT	NT
Cedrol	NT	NT
Endo-fenchyl Alcohol	NT	NT
Eucalyptol	NT	NT
Fenchone	NT	NT
Geraniol	NT	NT
Geranyl acetate	NT	NT
Guaiol	NT	NT
Hexahydrothymol	NT	NT
alpha-Humulene	NT	NT
Isoborneol	NT	NT
Isopulegol	NT	NT
Limonene	NT	NT
Linalool	NT	NT
p-Mentha-1,5-diene	NT	NT
beta-Myrcene	NT	NT
trans-Nerolidol	NT	NT
Ocimene	NT	NT
alpha-Pinene	NT	NT
beta-Pinene	NT	NT
Pulegone	NT	NT
Sabinene	NT	NT
Sabinene Hydrate	NT	NT
gamma-Terpinene	NT	NT
alpha-Terpinene	NT	NT
3-Carene	NT	NT
Terpineol	NT	NT
Terpinolene	NT	NT
Valencene	NT	NT
Nerol	NT	NT
cis-Nerolidol	NT	NT
Total Terpenes	NT	NT

Cannabinoid (HPLC) Analyzed: 07/16/20 By: EGP

Compound	LOQ %	mg/g	mg/unit	%
THC-A	0.002	ND	ND	ND
delta 9-THC	0.002	ND	ND	ND
delta 8-THC	0.002	ND	ND	ND
THC-V	0.002	ND	ND	ND
CBG-A	0.002	ND	ND	ND
CBD-A	0.002	ND	ND	ND
CBD	0.002	7.68	16.2	0.77
CBD-V	0.002	0.035	0.073	0.003
CBN	0.002	ND	ND	ND
CBG	0.002	ND	ND	ND
CBC	0.002	ND	ND	ND

0.00 mg/g 0.00 mg/unit 0.00 % Total THC	7.68 mg/g 16.20 mg/unit 0.77 % Total CBD	7.72 mg/g 16.30 mg/unit 0.77 % Total Cannabinoids
---	--	---

Total THC = THCa * 0.877 + delta 9-THC; Total CBD = CBDA * 0.877 + CBD

NA : 1 CBD to THC Ratio	Not Tested Water Activity	Not Tested Moisture
-----------------------------------	-------------------------------------	-------------------------------

Safety

Complete Pesticides	Complete Microbials	Complete Residual Solvents	Not Tested Metals	Not Tested pH
-------------------------------	-------------------------------	--------------------------------------	-----------------------------	-------------------------

RL = Reporting Limit
NA = Not Applicable
NT = Not Tested
ND = Non Detected
LOQ = Limit of Quantification

Tabitha A. Hauer
Tabitha Hauer
Owner



This product has been tested by Desert Valley Testing using valid testing methodologies. Values reported only relate to the product tested. Desert Valley Testing makes no claims 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 Desert Valley Testing.

Koodegras

8757 So. State St.
Sandy, UT 84070
(435) 299-0248

Laboratory Number: 2007214-02

Batch #: 3-1-4

Sample Received: 7/15/2020; Report Created: 8/7/2020

Koodegras Flavored Gummies

Ingestible

Metals Analyzed: By:

Compound	RL	ppm
Arsenic	NT	NT
Cadmium	NT	NT
Lead	NT	NT
Mercury	NT	NT

Mycotoxins Analyzed: By:

Compound	RL	ppb
Aflatoxins	NT	NT
Ochratoxins	NT	NT

Microbials Analyzed: By:

Compound	RL	Result	Units
Salmonella	NT	NT	cfu/g
Aspergillus	NT	NT	cfu/g
Yeast	NT	NT	cfu/g
Mold	NT	NT	cfu/g
Aerobic Bacteria	NT	NT	cfu/g
Enterobacteria	NT	NT	cfu/g

Microbials Analyzed: 7/29/2020 By: KLC

Compound	RL	Result	Units
Total Coliform	10.0	ND	cfu/g
E. coli	10.0	ND	cfu/g

Residual Solvents (GCMS-MS) Analyzed: 07/29/20 By: EGP

Compound	RL	ppm
iso-Butane	5.00	ND
n-Butane	5.00	ND
Ethanol	5.00	ND
2-Methylbutane	5.00	ND
Acetonitrile	5.00	ND
Acetone	50.00	ND
2-Propanol (IPA)	5.00	ND
n-Pentane	5.00	ND
n-Hexane	5.00	ND
Chloroform	5.00	ND
Tetrahydrofuran	5.00	ND
Benzene	5.00	ND
Carbon Tetrachloride	5.00	ND
n-Heptane	5.00	ND
Toluene	5.00	ND
Xylenes (m,p)	10.00	ND
o-Xylene	5.00	ND

RL = Reporting Limit
NA = Not Applicable
NT = Not Tested
ND = Non Detected
LOQ = Limit of Quantification


Tabitha Hauer
Owner



This product has been tested by Desert Valley Testing using valid testing methodologies. Values reported only relate to the product tested. Desert Valley Testing makes no claims 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 Desert Valley Testing.

Koodegras

Laboratory Number: 2007214-02

8757 So. State St.
Sandy, UT 84070
(435) 299-0248

Batch #: 3-1-4
Sample Received: 7/15/2020; Report Created: 8/7/2020

Koodegras Flavored Gummies
Ingestible

Pesticides (LC-MS TQ) Analyzed: 08/06/20 By: JVR					
Compound	RL	ppm	Compound	RL	ppm
Abamectin	0.067	ND	Acephate	0.038	ND
Acequinocyl	0.192	ND	Acetamiprid	0.019	ND
Aldicarb	0.038	ND	Azoxystrobin	0.019	ND
Bifenazate	0.019	ND	Bifenthrin	0.019	ND
Boscalid	0.038	ND	Carbaryl	0.019	ND
Carbofuran	0.019	ND	Chlorantranilprole	0.019	ND
Chlorfenapyr	0.096	ND	Chlorpyrifos	0.019	ND
Clofentezine	0.019	ND	Cyfluthrin	0.096	ND
Cypermethrin	0.096	ND	Daminozide	0.096	ND
DDVP (Dichlorvos)	0.010	ND	Diazinon	0.019	ND
Dimethoate	0.019	ND	Ethoprophos	0.019	ND
Ethofenprox	0.038	ND	Etoxazole	0.010	ND
Fenoxycarb	0.019	ND	Fenpyroximate E	0.038	ND
Fipronil	0.038	ND	Flonicamid	0.096	ND
Fludioxonil	0.038	ND	Hexythiazox	0.096	ND
Imazalil	0.038	ND	Imidacloprid	0.019	ND
Kresoxim-methyl	0.038	ND	Malathion	0.048	ND
Metalaxyl	0.019	ND	Methiocarb	0.019	ND
Methomyl	0.038	ND	MGK-264	0.019	ND
Myclobutanil	0.038	ND	Naled	0.048	ND
Oxamyl	0.096	ND	Paclobutrazol	0.038	ND
Parathion_methyl	0.096	ND	Permethrins	0.038	ND
Phosmet	0.019	ND	Piperonyl butoxide	0.192	ND
Prallethrin	0.019	ND	Propiconazole	0.038	ND
Propoxure	0.019	ND	Pyrethrins	0.480	ND
Pyridaben	0.019	ND	Spinosad	0.058	ND
Spiromesifen	0.029	ND	Spirotetramat	0.019	ND
Spiroxamine	0.038	ND	Tebuconazole	0.010	ND
Thiacloprid	0.019	ND	Thiamethoxam	0.019	ND
Trifloxystrobin	0.019	ND			

RL = Reporting Limit
NA = Not Applicable
NT = Not Tested
ND = Non Detected
LOQ = Limit of Quantification

Tabitha A. Hauer
Tabitha Hauer
Owner



This product has been tested by Desert Valley Testing using valid testing methodologies. Values reported only relate to the product tested. Desert Valley Testing makes no claims 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 Desert Valley Testing.

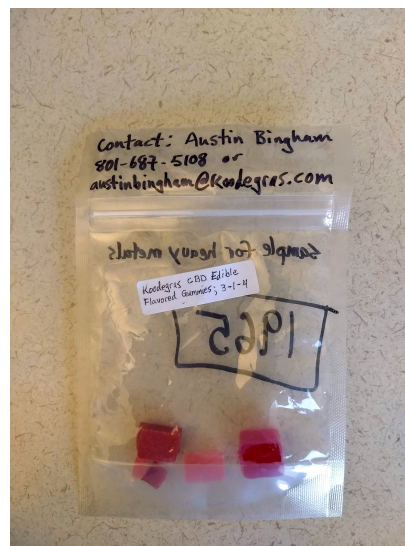
October 1st, 2020

To:

Austin Bingham, M.S.E.
 Koodegras LLC

Arsenic, cadmium, lead and mercury were determined in the following samples by external calibration/internal standard with ICPMS detection following microwave acid digestion:

ICPMS Lab ID	1965-01
Date Received	9/23/2020
Sample Name	Koodegras CBD
Lot/Batch Number	Edible Flavored
Matrix Type	Gummies
	3-1-4
	concentration
	ppm
As	<0.01
Cd	<0.002
Hg	<0.007
Pb	0.004





Dr. Diego P. Fernandez
 Research Associate Professor
 Dept. Geology and Geophysics
 University of Utah