PharmLabs San Diego Certificate of Analysis

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Sample Dark Chocolate

Sample ID SD22	0525-010 (48598)		Matrix Edible (Other Cann	abis Good)
Distributor License	604034860	Address	7 Vanderbilt, Irvine CA, 92618	Name Savage Enterprises
Sampled -	Received	May 24, 2022	Report	ed May 27, 2022
Analuses execute	ed OARUSH, FP-NI		Unit Mass (a) 50.6	Serving Size (a) 50.6

CAN+ - Cannabinoids Analysis

Analyzed May 26, 2022 | Instrument HPLC-VWD | Method SOP-001 Measurement Uncertaintu at 95% confidence 7 806%

	01.00.109		
Analyte			LOQ ma/a

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g	Result mg/Serving	Result mg/Package
Cannabidivarin (CBDV)	0.039	0.16	ND	ND	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	ND	ND	ND	ND
Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND	ND	ND
Cannabigerol (CBG)	0.001	0.16	ND	ND	ND	ND
Cannabidiol (CBD)	0.001	0.16	0.01	0.11	5.62	5.62
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND	ND	ND
Cannabinol (CBN)	0.001	0.16	ND	ND	ND	ND
Tetrahydrocannabinol ($\Delta 9$ -THC)	0.003	0.16	0.25	2.53	127.92	127.92
$\Delta 8$ -tetrahydrocannabinol ($\Delta 8$ -THC)	0.004	0.16	ND	ND	ND	ND
Cannabicyclol (CBL)	0.002	0.16	ND	ND	ND	ND
Cannabichromene (CBC)	0.002	0.16	ND	ND	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND	ND	ND
Total THC (THCa * 0.877 + THC)			0.25	2.53	127.92	127.92
Total CBD (CBDa * 0.877 + CBD)			0.01	0.11	5.62	5.62
Total CBG (CBGa * 0.877 + CBG)			ND	ND	0.00	ND
TOTAL CANNABINOIDS			0.26	2.64	133.58	133.54

Sample photography



HME - Heavy Metals Detection Analysis

Analyzed May 26, 2022 | Instrument ICP/MSMS | 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)	0.0002	0.05	ND	1.5	Cadmium (Cd)	3.0e-05	0.05	ND	0.5
Mercury (Hg)	1.0e-05	0.01	<loq< td=""><td>3</td><td>Lead (Pb)</td><td>1.0e-05</td><td>0.125</td><td>ND</td><td>0.5</td></loq<>	3	Lead (Pb)	1.0e-05	0.125	ND	0.5

MIBNIG - Microbial Testing Analysis

Analyzed May 25, 2022 | Instrument Plating | Method SOP-007

Analyte	Result CFU/g	Limit	Analyte	Result CFU/g	Limit
Shiga toxin-producing Escherichia Coli	ND	ND per 1 gram	Salmonella spp.	ND	ND per 1 gram

UI Not Identified 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





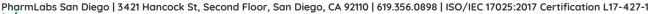




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Brandon Starr

Brandon Starr, Lab Manager Fri, 27 May 2022 14:19:46 -0700





MTO - Mycotoxin Testing Analysis

Analyzed May 26, 2022 | Instrument LC/MSMS | Method SOP-004

Analyte	LOD ug/kg u	LOQ ıg/kg	Result ug/kg (ppb)	Limit ug/kg	Analyte	LOD ug/kg	LOQ ug/kg	Result ug/kg (ppb)	Limit ug/kg
Ochratoxin A	5.0	20.0	ND	20	Aflatoxin B1	2.5	5.0	ND	
Aflatoxin B2	2.5	5.0	ND		Aflatoxin G1	2.5	5.0	ND	
Aflatoxin G2	2.5	5.0	ND		Total Aflatoxins	10.0	20.0	ND	20

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









verify authenticity.

Authorized Signature

Branden Starr

Brandon Starr, Lab Manager Fri, 27 May 2022 14:19:46 -0700

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PES - Pesticides Screening Analysis

Analyzed May 26, 2022 | Instrument LC/MSMS GC/MSMS | Method SOP-003

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
Aldicarb	0.0078	0.02	ND	0.0078	Carbofuran	0.01	0.02	ND	0.01
Dimethoate	0.01	0.02	ND	0.01	Etofenprox	0.02	0.1	ND	0.02
Fenoxycarb	0.01	0.02	ND	0.01	Thiachloprid	0.01	0.02	ND	0.01
Daminozide	0.01	0.03	ND	0.01	Dichlorvos	0.02	0.07	ND	0.02
Imazalil	0.02	0.07	ND	0.02	Methiocarb	0.01	0.02	ND	0.01
Spiroxamine	0.01	0.02	ND	0.01	Coumaphos	0.01	0.02	ND	0.01
Fipronil	0.01	0.1	ND	0.01	Paclobutrazol	0.01	0.03	ND	0.01
Chlorpyrifos	0.01	0.04	ND	0.01	Ethoprophos (Prophos)	0.01	0.02	ND	0.01
Baygon (Propoxur)	0.01	0.02	ND	0.01	Chlordane	0.04	0.1	ND	0.04
Chlorfenapyr	0.03	0.1	ND	0.03	Methyl Parathion	0.02	0.1	ND	0.02
Mevinphos	0.03	0.08	ND	0.03	Abamectin	0.03	0.08	ND	0.3
Acephate	0.02	0.05	ND	5	Acetamiprid	0.01	0.05	ND	5
Azoxystrobin	0.01	0.02	ND	40	Bifenazate	0.01	0.05	ND	5
Bifenthrin	0.02	0.35	ND	0.5	Boscalid	0.01	0.03	ND	10
Carbaryl	0.01	0.02	ND	0.5	Chlorantraniliprole	0.01	0.04	ND	40
Clofentezine	0.01	0.03	ND	0.5	Diazinon	0.01	0.02	ND	0.2
Dimethomorph	0.02	0.06	ND	20	Etoxazole	0.01	0.05	ND	1.5
Fenpyroximate	0.02	0.1	ND	2	Flonicamid	0.01	0.02	ND	2
Fludioxonil	0.01	0.05	ND	30	Hexythiazox	0.01	0.03	ND	2
Imidacloprid	0.01	0.05	ND	3	Kresoxim-methyl	0.01	0.03	ND	1
Malathion	0.01	0.05	ND	5	Metalaxyl	0.01	0.02	ND	15
Methomyl	0.02	0.05	ND	0.1	Myclobutanil	0.02	0.07	ND	9
Naled	0.01	0.02	ND	0.5	Oxamyl	0.01	0.02	ND	0.2
Permethrin	0.01	0.02	ND	20	Phosmet	0.01	0.02	ND	0.2
Piperonyl Butoxide	0.02	0.06	ND	8	Propiconazole	0.03	0.08	ND	20
Prallethrin	0.02	0.05	ND	0.4	Pyrethrin	0.05	0.41	ND	1
Pyridaben	0.02	0.07	ND	3	Spinosad A	0.01	0.05	ND	3
Spinosad D	0.01	0.05	ND	3	Spiromesifen	0.02	0.06	ND	12
Spirotetramat	0.01	0.02	ND	13	Tebuconazole	0.01	0.02	ND	2
Thiamethoxam	0.01	0.02	ND	4.5	Trifloxystrobin	0.01	0.02	ND	30
Acequinocyl	0.02	0.09	ND	4	Captan	0.01	0.02	ND	5
Cypermethrin	0.02	0.1	ND	1	Cyfluthrin	0.04	0.1	ND	1
Fenhexamid	0.02	0.07	ND	10	Spinetoram J,L	0.02	0.07	ND	3
Pentachloronitrobenzene	0.01	0.1	ND	0.2					

UI Not Identified
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









Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Fri, 27 May 2022 14:19:46 -0700

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RES - Residual Solvents Testing Analysis

Analyzed May 27, 2022 | Instrument GC/FID with Headspace Analyzer | Method SOP-006

Analyte										
Methanol (Metha) 0.4 40.0 ND 3000 Ethylene Oxide (EthOx) 0.4 0.8 ND Pentane (Pen) 0.4 40.0 ND 5000 Ethanol (Ethan) 0.4 40.0 ND 5 Ethyl Ether (EthEt) 0.4 40.0 ND 5000 Acetone (Acet) 0.4 40.0 ND 5 Isopropanol (2-Pro) 0.4 40.0 ND 5000 Acetonitrile (Acetonit) 0.4 40.0 ND Methylene Chloride (MetCh) 0.4 0.8 ND 1 Hexane (Hex) 0.4 40.0 ND Ethyl Acetate (EthAc) 0.4 40.0 ND 5000 Chloroform (Clo) 0.4 0.8 ND Benzene (Ben) 0.4 0.8 ND 1 1-2-Dichloroethane (12-Dich) 0.4 0.8 ND Heptane (Hep) 0.4 40.0 ND 5000 Trichloroethylene (TriClEth) 0.4 0.8 ND	Analyte					Analyte		~		Limit ug/g
Pentane (Pen) 0.4 40.0 ND 5000 Ethanol (Ethan) 0.4 40.0 ND 5 Ethyl Ether (EthEt) 0.4 40.0 ND 5000 Acetone (Acet) 0.4 40.0 ND 5 Isopropanol (2-Pro) 0.4 40.0 ND 5000 Acetonitrile (Acetonit) 0.4 40.0 ND Methylene Chloride (MetCh) 0.4 0.8 ND 1 Hexane (Hex) 0.4 40.0 ND Ethyl Acetate (EthAc) 0.4 40.0 ND 5000 Chloroform (Clo) 0.4 0.8 ND Benzene (Ben) 0.4 0.8 ND 1 1-2-Dichloroethane (12-Dich) 0.4 0.8 ND Heptane (Hep) 0.4 40.0 ND 5000 Trichloroethylene (TriClEth) 0.4 0.8 ND	Propane (Prop)	0.4	40.0	ND	5000	Butane (But)	0.4	40.0	ND	5000
Ethyl Ether (EthEt) 0.4 40.0 ND 5000 Acetone (Acet) 0.4 40.0 ND 5 Isopropanol (2-Pro) 0.4 40.0 ND 5000 Acetonitrile (Acetonit) 0.4 40.0 ND Methylene Chloride (MetCh) 0.4 0.8 ND 1 Hexane (Hex) 0.4 40.0 ND Ethyl Acetate (EthAc) 0.4 40.0 ND 5000 Chloroform (Clo) 0.4 0.8 ND Benzene (Ben) 0.4 0.8 ND 1 1-2-Dichloroethane (12-Dich) 0.4 0.8 ND Heptane (Hep) 0.4 40.0 ND 5000 Trichloroethylene (TriClEth) 0.4 0.8 ND	Methanol (Metha)	0.4	40.0	ND	3000	Ethylene Oxide (EthOx)	0.4	0.8	ND	1
Isopropanol (2-Pro) 0.4 40.0 ND 5000 Acetonitrile (Acetonit) 0.4 40.0 ND Methylene Chloride (MetCh) 0.4 0.8 ND 1 Hexane (Hex) 0.4 40.0 ND Ethyl Acetate (EthAc) 0.4 40.0 ND 5000 Chloroform (Clo) 0.4 0.8 ND Benzene (Ben) 0.4 0.8 ND 1 1-2-Dichloroethane (12-Dich) 0.4 0.8 ND Heptane (Hep) 0.4 40.0 ND 5000 Trichloroethylene (TriClEth) 0.4 0.8 ND	Pentane (Pen)	0.4	40.0	ND	5000	Ethanol (Ethan)	0.4	40.0	ND	5000
Methylene Chloride (MetCh) 0.4 0.8 ND 1 Hexane (Hex) 0.4 40.0 ND Ethyl Acetate (EthAc) 0.4 40.0 ND 5000 Chloroform (Clo) 0.4 0.8 ND Benzene (Ben) 0.4 0.8 ND 1 1-2-Dichloroethane (12-Dich) 0.4 0.8 ND Heptane (Hep) 0.4 40.0 ND 5000 Trichloroethylene (TriClEth) 0.4 0.8 ND	Ethyl Ether (EthEt)	0.4	40.0	ND	5000	Acetone (Acet)	0.4	40.0	ND	5000
Ethyl Acetate (EthAc) 0.4 40.0 ND 5000 Chloroform (Clo) 0.4 0.8 ND Benzene (Ben) 0.4 0.8 ND 1 1-2-Dichloroethane (12-Dich) 0.4 0.8 ND Heptane (Hep) 0.4 40.0 ND 5000 Trichloroethylene (TriClEth) 0.4 0.8 ND	Isopropanol (2-Pro)	0.4	40.0	ND	5000	Acetonitrile (Acetonit)	0.4	40.0	ND	410
Benzene (Ben) 0.4 0.8 ND 1 1-2-Dichloroethane (12-Dich) 0.4 0.8 ND Heptane (Hep) 0.4 40.0 ND 5000 Trichloroethylene (TriClEth) 0.4 0.8 ND	Methylene Chloride (MetCh)	0.4	8.0	ND	1	Hexane (Hex)	0.4	40.0	ND	290
Heptane (Hep) 0.4 40.0 ND 5000 Trichloroethylene (TriClEth) 0.4 0.8 ND	Ethyl Acetate (EthAc)	0.4	40.0	ND	5000	Chloroform (Clo)	0.4	0.8	ND	1
1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Benzene (Ben)	0.4	8.0	ND	1	1-2-Dichloroethane (12-Dich)	0.4	0.8	ND	1
Toluene (Toluene) 0.4 40.0 ND 890 Xylenes (Xyl) 0.4 40.0 ND 2	Heptane (Hep)	0.4	40.0	ND	5000	Trichloroethylene (TriClEth)	0.4	0.8	ND	1
	Toluene (Toluene)	0.4	40.0	ND	890	Xylenes (Xyl)	0.4	40.0	ND	2170

FVI - Filth & Foreign Material Inspection Analysis

Analyzed May 25, 2022 | Instrument Microscope | Method SOP-010

3 1 3 1 1			
Analyte / Limit	Result	Analyte / Limit	Result
> 1/4 of the total sample area covered by sand, soil, cinders, or dirt	ND	> 1/4 of the total sample area covered by mold	ND
>1 insect fragment, 1 hair, or 1 count mammalian excreta per 3g	ND	> 1/4 of the total sample area covered by an imbedded foreign material	ND

MWA - Moisture Content & Water Activity Analysis

Analyzed May 25, 2022 | Instrument Chilled-mirror Dewpoint and Capacitance | Method SOP-008

Analyte	Result	Limit	Analyte	Result	Limit
Moisture (Moi)	6.2 % Mw	13 % Mw	Water Activity (WA)	0.45 a _w	0.85 a _w

UI Not Identified
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









can the QR code to verify authenticity. Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Fri, 27 May 2022 14:19:46 -0700

