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Lic# C8-0000053-LIC

Regulatory Compliance Testing
Certificate of Analysis

ManzanitaNaturals_KwikEase_StrawberryHaze

Source Package ID: 1A4060300009DD6000001441

Sample ID: 2108DCLCA0217.0445
Strain: Ease Strawberry Haze
Matrix: Ingestible
Type: Beverage
Sample Size: 20 units; Batch Size: 4,800 units
Sample Data: 10mg of THC per Serving, 100mg of THC per Package.

Produced: 07/28/2021
Collected: 08/02/2021
Received: 08/02/2021
Completed: 08/04/2021
Batch#: 210728KES

Distributor
Joyus Recreation and Wellness Group, LLC
Lic. # C12-0000111-LIC
2430 Union St
Oakland, CA 94607

Producer
Joyus Recreation and Wellness Group, LLC
Lic. # C12-0000111-LIC
2430 Union St Oakland, CA 94607

Summary

Test	Date Tested	Result
Batch		Pass
Cannabinoids	08/03/2021	Pass
Residual Solvents	08/03/2021	Pass
Microbials	08/03/2021	Pass
Mycotoxins	08/03/2021	Pass
Pesticides	08/03/2021	Pass
Heavy Metals	08/03/2021	Pass
Foreign Matter	08/03/2021	Pass
Density	08/03/2021	1.0728 g/mL

Cannabinoids

Pass

96.0600 mg/package *9.6060 mg/serving* Δ9-THC	96.0600 mg/package *9.6060 mg/serving* Total THC	ND *ND* CBD	ND *ND* Total CBD	96.0600 mg/package *9.6060 mg/serving* Total Cannabinoids

Required	LOD	LOQ	Result	Result	Result	Result
	mg/mL	mg/mL	%	mg/mL	mg/serving	mg/package
Δ9-THC	0.0005	0.0018	0.1601	1.7176	9.6060	96.0600
THCa	0.0010	0.0032	ND	ND	ND	ND
CBD	0.0005	0.0018	ND	ND	ND	ND
CBDa	0.0005	0.0018	ND	ND	ND	ND
CBG	0.0005	0.0018	ND	ND	ND	ND
CBN	0.0005	0.0018	ND	ND	ND	ND
Total THC			**0.1601**	**1.7176**	**9.6060**	**96.0600**
Total CBD			**ND**	**ND**	**ND**	**ND**
Total			**0.1601**	**1.7176**	**9.6060**	**96.0600**

Total Package Weight (mL): 60

Cannabinoid Reference: SC-VAL-180808; Test method: HPLC.
Water Activity Reference: AOAC 978.18 modified; Method: Aw Meter; LOD=0.0300Aw, LOQ=0.0300Aw
Moisture Content Reference: DLI-SOP-7812; Method: IR Heating; LOD=1%, LOQ=1%
Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDa * 0.877 + CBD
ND=Not Detected, NR=Not Reported, LOD=Limit of Detection, LOQ=Limit of Quantitation.
The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.

Danielle Deschene - Laboratory Manager
08/04/2021

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I attest that all LQC samples were performed and met the prescribed acceptance criteria in 16 CCR section 5730, pursuant to 16 CCR section 5726(c)(13). The above test results only represents that portion of the product batch that has been sampled by the Deibel Labs field technician as outlined in DLI-QM-SOP 505 Sampling of Cannabis and Cannabis Products which was written in accordance with CCR sections 5707 and 5708. This report conforms to 21 CFR Part 11 compliancy for electronic signatures. The final approval of this Formal Report is authroized by the individual labeled as 'Approved By'. Test results relate only to the analytical unit tested. This report cannot be reproduced except in full, and by the written consent of Deibel Labs. All information contained herein is Trade Secret and Confidential. See our updated terms and condition at www.deibelbioscience.com/termsandconditions.

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Pesticides — Pass

Analyte	LOD	LOQ	Limit	Mass	Status
	µg/g	µg/g	µg/g	µg/g	
Abamectin	0.0250	0.0500	0.3000	ND	Pass
Acephate	0.0250	0.0500	5.0000	ND	Pass
Acequinocyl	0.0250	0.0500	4.0000	ND	Pass
Acetamiprid	0.0250	0.0500	5.0000	ND	Pass
Aldicarb	0.0250	0.0500	0.0250	ND	Pass
Azoxystrobin	0.0250	0.0500	40.0000	ND	Pass
Bifenazate	0.0250	0.0500	5.0000	ND	Pass
Bifenthrin	0.0250	0.0500	0.5000	ND	Pass
Boscalid	0.0250	0.0500	10.0000	ND	Pass
Captan	0.2500	0.5000	5.0000	ND	Pass
Carbaryl	0.0250	0.0500	0.5000	ND	Pass
Carbofuran	0.0250	0.0500	0.0250	ND	Pass
Chlorantraniliprole	0.0250	0.0500	40.0000	ND	Pass
Chlordane	0.0250	0.0500	0.0250	ND	Pass
Chlorfenapyr	0.0250	0.0500	0.0250	ND	Pass
Chlorpyrifos	0.0250	0.0500	0.0250	ND	Pass
Clofentezine	0.0250	0.0500	0.5000	ND	Pass
Coumaphos	0.0250	0.0500	0.0250	ND	Pass
Cyfluthrin	0.0250	0.0750	1.0000	ND	Pass
Cypermethrin	0.0250	0.0500	1.0000	ND	Pass
Daminozide	0.0250	0.0500	0.0250	ND	Pass
Diazinon	0.0250	0.0500	0.2000	ND	Pass
Dichlorvos	0.0250	0.0500	0.0250	ND	Pass
Dimethoate	0.0250	0.0500	0.0250	ND	Pass
Dimethomorph	0.0250	0.0500	20.0000	ND	Pass
Ethoprophos	0.0250	0.0500	0.0250	ND	Pass
Etofenprox	0.0250	0.0500	0.0250	ND	Pass
Etoxazole	0.0250	0.0500	1.5000	ND	Pass
Fenhexamid	0.0250	0.0500	10.0000	ND	Pass
Fenoxycarb	0.0250	0.0500	0.0250	ND	Pass
Fenpyroximate	0.0250	0.0500	2.0000	ND	Pass
Fipronil	0.0250	0.0500	0.0250	ND	Pass
Flonicamid	0.0250	0.0500	2.0000	ND	Pass
Fludioxonil	0.0250	0.0500	30.0000	ND	Pass
Hexythiazox	0.0250	0.0500	2.0000	ND	Pass
Imazalil	0.0250	0.0500	0.0250	ND	Pass
Imidacloprid	0.0250	0.0500	3.0000	ND	Pass
Kresoxim Methyl	0.0250	0.0500	1.0000	ND	Pass
Malathion	0.0250	0.0500	5.0000	ND	Pass
Metalaxyl	0.0250	0.0500	15.0000	ND	Pass
Methiocarb	0.0250	0.0500	0.0250	ND	Pass
Methomyl	0.0250	0.0500	0.1000	ND	Pass
Mevinphos	0.0250	0.0500	0.0250	ND	Pass
Myclobutanil	0.0250	0.0500	9.0000	ND	Pass
Naled	0.0250	0.0500	0.5000	ND	Pass
Oxamyl	0.0250	0.0500	0.2000	ND	Pass
Paclobutrazol	0.0250	0.0500	0.0250	ND	Pass
Parathion Methyl	0.0250	0.0500	0.0250	ND	Pass
Pentachloronitrobenzene	0.0250	0.0500	0.2000	ND	Pass
Permethrin	0.0250	0.0500	20.0000	ND	Pass
Phosmet	0.0250	0.0500	0.2000	ND	Pass
Piperonyl Butoxide	0.0250	0.0500	8.0000	ND	Pass
Prallethrin	0.0250	0.0500	0.4000	ND	Pass
Propiconazole	0.0250	0.0500	20.0000	ND	Pass
Propoxur	0.0250	0.0500	0.0250	ND	Pass
Pyrethrins	0.0250	0.0500	1.0000	ND	Pass
Pyridaben	0.0250	0.0500	3.0000	ND	Pass
Spinetoram	0.0250	0.0500	3.0000	ND	Pass
Spinosad	0.0250	0.0500	3.0000	ND	Pass
Spiromesifen	0.0250	0.0500	12.0000	ND	Pass
Spirotetramat	0.0250	0.0500	13.0000	ND	Pass
Spiroxamine	0.0250	0.0500	0.0250	ND	Pass
Tebuconazole	0.0250	0.0500	2.0000	ND	Pass
Thiacloprid	0.0250	0.0500	0.0250	ND	Pass
Thiamethoxam	0.0250	0.0500	4.5000	ND	Pass
Trifloxystrobin	0.0250	0.0500	30.0000	ND	Pass

Reference: DLI-SOP-7803; Test method: HPLC-MS QQQ

Microbials — Pass

Analyte	Limit	Results	Status
	Present/Absent in 1g	Present/Absent in 1g	
e.coli STEC	Not Detected	ND	Pass
Salmonella SPP	Not Detected	ND	Pass

Test methods: Salmonella Real-Time PCR IQ-Check Bio-Rad test for Cannabis; STEC Real-Time PCR VirX iQ-Check BioRad; Aspergillus Clear Scientific Clear PCR Kit.

Heavy Metals — Pass

Analyte	LOD	LOQ	Limit	Mass	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	0.0500	0.1500	1.5000	ND	Pass
Cadmium	0.0500	0.1500	0.5000	ND	Pass
Lead	0.0500	0.1000	0.5000	ND	Pass
Mercury	0.0500	0.1000	3.0000	ND	Pass

Reference: DLI-SOP-7802; Test method: ICP-MS

Foreign Matter — Pass

Analyte	Status
Overall Foreign Matter	Pass
Sand, Soil, Cinders, or Dirt	Pass
Mold/Mildew/Yeast	Pass
Rodent Hair	Pass
Insect Fragments	Pass
Mammal Excrement	Pass
FM Imbedded Foreign Material	Pass

Foreign Material Reference: MPM: V-8 FDA, Nov.2017; Method: Visual Inspection

Mycotoxins — Pass

Analyte	LOD	LOQ	Limit	Mass	Status
	µg/kg	µg/kg	µg/kg	µg/kg	
B1	0.002	0.006		ND	Tested
B2	0.002	0.005		ND	Tested
G1	0.002	0.005		ND	Tested
G2	0.003	0.007		ND	Tested
Total Aflatoxins			20.000	ND	Pass
Ochratoxin A	0.005	0.015	20.000	ND	Pass

Reference: DLI-SOP-7803; Test method: HPLC-MS QQQ

Danielle Deschene - Laboratory Manager
08/04/2021

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Residual Solvents

Pass

Analyte	LOD	LOQ	Limit	Mass	Status
	µg/g	µg/g	µg/g	µg/g	
1,2-Dichloro-Ethane	0.2	0.5	1	ND	Pass
Acetone	80	250	5000	ND	Pass
Acetonitrile	80	250	410	ND	Pass
Benzene	0.2	0.5	1	ND	Pass
Butane	80	250	5000	ND	Pass
Chloroform	0.2	0.5	1	ND	Pass
Ethanol	80	250	5000	2005.201	Pass
Ethyl-Acetate	80	250	5000	ND	Pass
Ethyl-Ether	80	250	5000	ND	Pass
Ethylene Oxide	0.2	0.5	1	ND	Pass
Heptane	80	250	5000	ND	Pass
Isopropyl alcohol	80	250	5000	ND	Pass
Methanol	80	250	3000	ND	Pass
Methylene-Chloride	0.2	0.5	1	ND	Pass
Hexane	80	250	290	ND	Pass
Pentane	80	250	5000	ND	Pass
Propane	160	500	5000	ND	Pass
Toluene	80	250	890	ND	Pass
Trichloroethylene	0.2	0.5	1	ND	Pass
Total Xylenes (ortho-, meta-, para-)	80	250	2170	ND	Pass

Reference: USP <467>; Test method: HS-GC-FID

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08/04/2021

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