



Excelbis Labs
1920 E Warner Avenue
Santa Ana, CA 92705

(714) 340-7099
http://excelbislabs.com
Lic# C8-0000059-LIC

Regulatory Compliance Testing

1 of 5

Tropical Zemonade

METRC Sample: 1A40603000312B9000026238; METRC Batch: 1A4060300003E84000004524

Sample ID: 2408EXL2372.10418

Produced:

Distributor

Producer

Strain: Tropical Zemonade

Collected: 08/08/2024

Greenfield Distribution Inc

CCSAC

Matrix: Plant

Received: 08/09/2024

Lic. # C11-0001347-LIC

Lic. # CDPH-10002737

Type: Enhanced/Infused Preroll

Completed: 08/16/2024

580 Julie Ann Way

810 81st St Ave, Oakland CA 94621

Sample Size: 13 units; Batch: 2,128 units

Batch#: RS0808TZ

Oakland, CA 94621



Summary

Test	Date Tested	Result
Batch		Pass
Cannabinoids	08/12/2024	Complete
Foreign Matter	08/09/2024	Pass
Heavy Metals	08/15/2024	Pass
Microbials	08/10/2024	Pass
Moisture	08/13/2024	12.7% - Complete
Mycotoxins	08/15/2024	Pass
GCMS Pesticides	08/15/2024	Pass
LCMS Pesticides	08/15/2024	Pass
Residual Solvents	08/13/2024	Pass
Terpenes	08/12/2024	Complete
Water Activity	08/13/2024	0.49 aw - Pass

Cannabinoids

Complete

40.983%

Total THC

0.403%

Total CBD

43.997%

Total Cannabinoids

Analyte	LOD	LOQ	Result	Result	Result	Result
	mg/g	mg/g	%	mg/g	mg/serving	mg/package
CBC	0.009	0.025	ND	ND	ND	ND
CBD	0.025	0.100	0.2600	2.600	3.380	3.380
CBDa	0.019	0.050	0.1628	1.628	2.116	2.116
CBDV	0.125	1.000	ND	ND	ND	ND
CBG	0.019	0.050	0.4471	4.471	5.812	5.812
CBGa	0.125	0.250	ND	ND	ND	ND
CBN	0.009	0.050	1.5639	15.639	20.331	20.331
Δ8-THC	0.025	0.100	ND	ND	ND	ND
Δ9-THC	0.019	0.100	10.1806	101.806	132.348	132.348
THCa	0.013	0.050	35.1221	351.221	456.587	456.587
THCV	0.025	0.100	0.6009	6.009	7.811	7.811
Total THC			40.983	409.827	532.775	532.775
Total CBD			0.403	4.028	5.236	5.236
Total CBG			0.447	4.471	5.812	5.812
Total			43.997	439.973	571.965	571.965

Date Tested: 08/12/2024

Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDa * 0.877 + CBD; Total CBG = CBGa * 0.877 + CBG.

Total Cannabinoids = Total THC + Total CBD + Total CBG + minor cannabinoids.

Cannabinoids: HPLC, CAN-SOP-001

Water Activity: Water Activity Meter, WA-SOP-001

Moisture Content: Moisture Analyzer, MO-SOP-001

Foreign Matter: Visual Inspection, FM-SOP-001



Dr. Jerry White PhD Bryan Zahakaylo

Jerry White, PhD
Chief Scientific Officer
08/16/2024

Bryan Zahakaylo
Analyst
08/16/2024

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Matrix: Plant

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Oakland, CA 94621

GC Pesticides

Pass

Analyte	LOD	LOQ	Limit	Mass	Status
	µg/g	µg/g	µg/g	µg/g	
Captan	0.231	0.7	0.7	ND	Pass
Chlordane (trans + cis)	0.0116	0.035	0.0116	ND	Pass
Chlorfenapyr	0.0058	0.0175	0.0058	ND	Pass
Cyfluthrin	0.0231	0.07	2	ND	Pass
Cypermethrin	0.0231	0.07	1	ND	Pass
Parathion Methyl	0.0058	0.0175	0.0058	ND	Pass
Pentachloronitrobenzene (Quintozene)	0.0231	0.07	0.1	ND	Pass

Mycotoxins

Pass

Analytes	LOD	LOQ	Limit	Conc.	Status
	PPB	PPB	PPB	PPB	
Aflatoxin B1	1.7000	5.0000		ND	Tested
Aflatoxin B2	1.7000	5.0000		ND	Tested
Aflatoxin G1	1.7000	5.0000		ND	Tested
Aflatoxin G2	1.7000	5.0000		ND	Tested
Ochratoxin A	6.6000	20.0000	20	ND	Pass
Total Aflatoxins			20	ND	Pass

Microbials

Pass

Analyte	Limit	Detected / Not Detected	Status
	RFU/g	RFU/g	
Aspergillus flavus	0	Not Detected	Pass
Aspergillus fumigatus	0	Not Detected	Pass
Aspergillus niger	0	Not Detected	Pass
Aspergillus terreus	0	Not Detected	Pass
Shiga toxin-producing E. Coli	0	Not Detected	Pass
Salmonella SPP	0	Not Detected	Pass

Heavy Metals

Pass

Analyte	LOD	LOQ	Limit	Conc.	Status
	PPM	PPM	PPM	PPM	
Arsenic	0.0165	0.05	0.2	<LOQ	Pass
Cadmium	0.0165	0.05	0.2	0.0556	Pass
Lead	0.0413	0.125	0.5	<LOQ	Pass
Mercury	0.0033	0.01	0.1	<LOQ	Pass

GCMS Date Tested: 08/15/2024

Pesticides: GC-MS/MS, GCMS Method GCP-SOP-001

LCMS Date Tested: 08/15/2024

Mycotoxins Footnote: Mycotoxins: LC-MS/MS, LCMS Method LCP-SOP-001

Microbial Date Tested: 08/10/2024

Microbials Footnote: Microbial: PCR-SOP-001

RFU = Relative Fluorescence Units

Heavy Metals Date Tested: 08/15/2024

Heavy Metals: Heavy Metals: ICP-MS, HM-SOP-001



Dr. Jerry White PhD Bryan Zahakaylo

Jerry White, PhD
Chief Scientific Officer
08/16/2024

Bryan Zahakaylo
Analyst
08/16/2024

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LC Pesticides

Pass

Analyte	LOD	LOQ	Limit	Result	Status	Analyte	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
Abamectin	0.033	0.1	0.1	ND	Pass	Imazalil	0.033	0.1	0.033	ND	Pass
Acephate	0.033	0.1	0.1	ND	Pass	Imidacloprid	0.033	0.1	5	ND	Pass
Acequinocyl	0.033	0.1	0.1	ND	Pass	Kresoxim Methyl	0.033	0.1	0.1	ND	Pass
Acetamiprid	0.033	0.1	0.1	ND	Pass	Malathion	0.033	0.1	0.5	ND	Pass
Aldicarb	0.033	0.1	0.033	ND	Pass	Metalaxyl	0.033	0.1	2	ND	Pass
Azoxystrobin	0.033	0.1	0.1	ND	Pass	Methiocarb	0.033	0.1	0.033	ND	Pass
Bifenazate	0.033	0.1	0.1	<LOQ	Pass	Methomyl	0.033	0.1	1	ND	Pass
Bifenthrin	0.033	0.1	3	ND	Pass	Mevinphos	0.033	0.1	0.033	ND	Pass
Boscalid	0.033	0.1	0.1	ND	Pass	Myclobutanil	0.033	0.1	0.1	ND	Pass
Carbaryl	0.033	0.1	0.5	ND	Pass	Naled	0.033	0.1	0.1	ND	Pass
Carbofuran	0.033	0.1	0.033	ND	Pass	Oxamyl	0.033	0.1	0.5	ND	Pass
Chlorantraniliprole	0.033	0.1	10	ND	Pass	Paclobutrazol	0.033	0.1	0.033	ND	Pass
Chlorpyrifos	0.033	0.1	0.033	ND	Pass	Permethrin (trans + cis)	0.033	0.1	0.5	ND	Pass
Clofentezine	0.033	0.1	0.1	ND	Pass	Phosmet	0.033	0.1	0.1	ND	Pass
Coumaphos	0.033	0.1	0.033	ND	Pass	Piperonyl Butoxide	0.033	0.1	3	ND	Pass
Daminozide	0.033	0.1	0.033	ND	Pass	Prallethrin	0.033	0.1	0.1	ND	Pass
Diazinon	0.1	0.1	0.1	ND	Pass	Propiconazole	0.033	0.1	0.1	ND	Pass
Dichlorvos	0.033	0.1	0.033	ND	Pass	Propoxur	0.033	0.1	0.033	ND	Pass
Dimethoate	0.033	0.1	0.033	ND	Pass	Pyrethrins (Cinerin + Jasmolin + Pyrethrin)	0.0133	0.04	0.5	ND	Pass
Dimethomorph (I + II)	0.033	0.1	2	ND	Pass	Pyridaben	0.033	0.1	0.1	ND	Pass
Ethoprophos	0.033	0.1	0.033	ND	Pass	Spinetoram (J + L)	0.033	0.1	0.1	ND	Pass
Etofenprox	0.033	0.1	0.033	ND	Pass	Spinosyn (A + D)	0.033	0.1	0.1	ND	Pass
Etoxazole	0.033	0.1	0.1	ND	Pass	Spiromesifen	0.033	0.1	0.1	ND	Pass
Fenhexamid	0.033	0.1	0.1	ND	Pass	Spirotetramat	0.033	0.1	0.1	ND	Pass
Fenoxycarb	0.033	0.1	0.033	ND	Pass	Spiroxamine	0.033	0.1	0.033	ND	Pass
Fenpyroximate	0.033	0.1	0.1	ND	Pass	Tebuconazole	0.033	0.1	0.1	ND	Pass
Fipronil	0.033	0.1	0.033	ND	Pass	Thiacloprid	0.033	0.1	0.033	ND	Pass
Flonicamid	0.033	0.1	0.1	ND	Pass	Thiamethoxam	0.033	0.1	5	ND	Pass
Fludioxonil	0.033	0.1	0.1	ND	Pass	Trifloxystrobin	0.033	0.1	0.1	ND	Pass
Hexythiazox	0.033	0.1	0.1	ND	Pass						

LCMS Date Tested: 08/15/2024

Pesticides: LC-MS/MS. LCMS Method LCP-SOP-001



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Residual Solvents

Pass

Analyte	LOD	LOQ	Limit	Conc.	Status
	µg/g	µg/g	µg/g	µg/g	
Acetone	15.4688	46.875	5000	ND	Pass
Acetonitrile	15.4688	46.875	410	ND	Pass
Benzene	0.1547	0.4688	1	ND	Pass
Butane	15.4688	46.875	5000	ND	Pass
Chloroform	0.1547	0.4688	1	ND	Pass
1, 2-Dichloroethane	0.1547	0.4688	1	ND	Pass
Ethanol	15.4688	46.875	5000	ND	Pass
Ethyl Acetate	15.4688	46.875	5000	ND	Pass
Ethyl Ether	15.4688	46.875	5000	ND	Pass
Ethylene Oxide	0.1547	0.4688	1	ND	Pass
Heptane	15.4688	46.875	5000	ND	Pass
Hexane	15.4688	46.875	290	ND	Pass
Isopropyl Alcohol	15.4688	46.875	5000	87.471	Pass
Methanol	15.4688	46.875	3000	56.401	Pass
Methylene Chloride	0.1547	0.4688	1	ND	Pass
Pentane	15.4688	46.875	5000	ND	Pass
Propane	15.4688	46.875	5000	ND	Pass
Toluene	15.4688	46.875	890	ND	Pass
Total Xylenes (o, m, p)	46.4063	140.625	2170	ND	Pass
Trichloroethylene	0.1547	0.4688	1	ND	Pass

EXCELBIS
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Date Tested: 08/13/2024

Residual Solvents: HS-GC-MS RS Method RS-SOP-001



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08/16/2024

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Terpenes

Complete

Analyte	LOD µg/g	LOQ µg/g	Conc. %	Conc. mg/g
α-Bisabolol	12.200000	97.600000	0.060841	0.60841
Camphene	1.525000	97.600000	<LOQ	<LOQ
3-Carene	1.525000	97.600000	ND	ND
β-Caryophyllene	24.400000	97.600000	0.654487	6.54487
Caryophyllene Oxide	24.400000	97.600000	0.036597	0.36597
p-Cymene	1.525000	97.600000	ND	ND
Eucalyptol	1.525000	97.600000	ND	ND
Geraniol	6.100000	97.600000	ND	ND
Guaiol	6.100000	97.600000	ND	ND
α-Humulene	3.050000	97.600000	0.270977	2.70977
Isopulegol	12.200000	97.600000	0.118924	1.18924
δ-Limonene	3.050000	97.600000	0.228412	2.28412
Linalool	3.050000	97.600000	0.072220	0.72220
β-Myrcene	1.525000	97.600000	0.067064	0.67064
cis-Nerolidol	48.800000	97.600000	ND	ND
trans-Nerolidol	6.100000	97.600000	0.013110	0.13110
β-Ocimene	1.525000	97.600000	<LOQ	<LOQ
α-Ocimene	1.525000	97.600000	<LOQ	<LOQ
β-Pinene	1.525000	97.600000	0.040758	0.40758
α-Pinene	1.525000	97.600000	0.032962	0.32962
γ-Terpinene	1.525000	97.600000	ND	ND
α-Terpinene	1.525000	97.600000	ND	ND
Terpinolene	1.525000	97.600000	ND	ND
Total			1.596352	15.96352

Primary Aromas



Date Tested: 08/12/2024
Terpenes: HS-GC-MS



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