

Certificate of Analysis

Produced: Oct 08, 2024

Sample: Mixed Berry 4mg (Edible Liquid) • Client: Climbing Kites, LLC • Batch: Passed as California Hemp



Batch No.: 4269
Matrix: Edible Liquid
Density: 1.0134 g/ml
Sample ID: ICC-240930-02-002
Collected on: Sep 30, 2024
Received on: Sep 30, 2024
Sample Size: 13 g
Received By: Stephanie Paule
Package Size: 363.10 g

Batch Result: Passed as California Hemp

Potency	Tested	Mycotoxins	Pass
Foreign	Pass	Pesticides	Pass
Metals	Pass	Solvents	Pass
Microbial	Pass		

Cannabinoid Overview

Δ⁹-THC:	3.85 mg/pkg
CBD:	4.14 mg/pkg
Sum of Cannabinoids:	7.99 mg/pkg

POT-INST-005: Potency

Analyte	Amt (mg/pkg)	Amt (%)	Amt (mg/ml)	LOD/LOQ (mg/g)	Analyte	Amt (mg/pkg)	Amt (%)	Amt (mg/ml)	LOD/LOQ (mg/g)
CBC		ND	ND	0.00110/0.00329	CBT		ND	ND	0.000476/0.00166
CBD	4.14	0.00114	0.012	0.000336/0.00166	Δ ⁸ -THC		ND	ND	0.000269/0.00166
CBDA		ND	ND	0.000803/0.00241	Δ ⁹ -THC	3.85	0.00106	0.011	0.000444/0.00166
CBDV		ND	ND	0.000266/0.00166	THCA		ND	ND	0.000611/0.00183
CBG		ND	ND	0.000379/0.00166	THCV		ND	ND	0.000205/0.00166
CBGA		ND	ND	0.000592/0.00178	Total THC**	3.85	0.00106	0.011	
CBL		ND	ND	0.000262/0.00166	Total CBD**	4.14	0.00114	0.012	
CBN		ND	ND	0.000379/0.00166					

Total THC = THCa * 0.877 + d9-THC; Total CBD = CBDA * 0.877 + CBD; NR= Not Reported, ND= Not Detected, *Reported by Dry Mass*; *analytical instrumentation used Cannabinoids: UHPLC-DAD, Moisture: Mass by Drying, Water Activity: Water Activity Meter, Foreign: Microscope* *Density tested at a temperature range between 19-24 °C, **Water Activity tested at a humidity range between 0-90% Relative Humidity. All OA samples are sampled by the client, All California State Compliant samples sampled using SAMPL-SOP-001.



PEST-GC-INST-003, PEST-GC-PREP-001: Colorado Pesticides by GC-MS/MS

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
α-Endosulfan		ND	0.118/0.353	N/A	Fenvalerate		ND	0.0110/0.0320	N/A
β-Endosulfan		ND	0.0797/0.239	N/A	Iprodione		ND	0.158/0.475	N/A
Chlorfenapyr	Any amt	ND	0.0251/0.0753	Pass	Kinoprene		ND	0.0738/0.221	N/A
Cyfluthrin	1	ND	0.0186/0.0558	Pass	Methyl parathion	Any amt	ND	0.00811/0.0243	Pass
Cypermethrin	1	ND	0.0145/0.0435	Pass	MGK-264 I		ND	0.0210/0.0630	N/A
Endosulfan sulfate		ND	0.0450/0.136	N/A	MGK-264 II		ND	0.0100/0.0310	N/A
Etridiazole		ND	0.0170/0.0510	N/A	Pentachloronitrobenzene	0.2	ND	0.0182/0.0545	Pass

PESTMYCO-LC-PREP-001, PESTMYCO-LC-INST-004: Pesticide Analysis by LC-MS/MS

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Abamectin	0.3	ND	0.0500/0.100	Pass	Malathion	5	ND	0.0117/0.0354	Pass
Abamectin Ba		ND	0.0500/0.100	N/A	Metalaxyl	15	ND	0.0101/0.0306	Pass
Acephate	5	ND	0.0164/0.0497	Pass	Methiocarb	Any amt	ND	0.0156/0.0473	Pass
Acequinocyl	4	ND	0.0194/0.0587	Pass	Methomyl	0.1	ND	0.0158/0.0479	Pass
Acetamiprid	5	ND	0.0146/0.0442	Pass	Mevinphos	Any amt	ND	0.0139/0.0423	Pass
Aldicarb	Any amt	ND	0.0216/0.0654	Pass	Myclobutanil	9	ND	0.0180/0.0546	Pass
Azoxystrobin	40	ND	0.00960/0.0291	Pass	Naled	0.5	ND	0.0170/0.0514	Pass
Bifenazate	5	ND	0.0115/0.0349	Pass	Oxamyl	0.2	ND	0.0153/0.0465	Pass
Bifenthrin	0.5	ND	0.0130/0.0395	Pass	Paclobutrazol	Any amt	ND	0.0132/0.0400	Pass
Boscalid	10	ND	0.0197/0.0596	Pass	Permethrin	20	ND	0.00831/0.0300	Pass
Carbaryl	0.5	ND	0.0160/0.0486	Pass	Permethrin cis		ND	0.0200/0.0300	N/A
Carbofuran	Any amt	ND	0.00902/0.0300	Pass	Permethrin trans		ND	0.0200/0.0300	N/A
Chlorantraniliprole	40	ND	0.0209/0.0632	Pass	Phosmet	0.2	ND	0.0125/0.0377	Pass
Chlorpyrifos	Any amt	ND	0.0176/0.0534	Pass	Piperonylbutoxide	8	ND	0.00759/0.0300	Pass
Clofentezine	0.5	ND	0.0129/0.0389	Pass	Prallethrin	0.4	ND	0.0226/0.0685	Pass
Coumaphos	Any amt	ND	0.0185/0.0559	Pass	Propiconazole	20	ND	0.0195/0.0590	Pass
Daminozide	Any amt	ND	0.0261/0.0791	Pass	Propoxur	Any amt	ND	0.0155/0.0471	Pass
Diazinon	0.2	ND	0.00645/0.0300	Pass	Pyrethrins	1	ND	0.00431/0.0300	Pass
Dichlorvos	Any amt	ND	0.0223/0.0674	Pass	Pyrethrins Pyrethrin I		ND	0.0100/0.0450	N/A
Dimethoate	Any amt	ND	0.0118/0.0356	Pass	Pyrethrins Pyrethrin II		ND	0.0100/0.0300	N/A
Dimethomorph	20	ND	0.0137/0.0416	Pass	Pyridaben	3	ND	0.0115/0.0350	Pass
Ethoprophos	Any amt	ND	0.0174/0.0528	Pass	Spinetoram	3	ND	0.00639/0.0300	Pass
Etofenprox	Any amt	ND	0.00849/0.0300	Pass	Spinetoram J		ND	0.00500/0.0100	N/A
Etoxazole	1.5	ND	0.00783/0.0300	Pass	Spinetoram L		ND	0.00500/0.0100	N/A
Fenhexamid	10	ND	0.0129/0.0392	Pass	Spinosad	3	ND	0.00410/0.0300	Pass
Fenoxycarb	Any amt	ND	0.0144/0.0435	Pass	Spinosad A		ND	0.00500/0.0100	N/A
Fenpyroximate	2	ND	0.00972/0.0300	Pass	Spinosad D		ND	0.00500/0.0100	N/A
Fipronil	Any amt	ND	0.0148/0.0447	Pass	Spiromesifen	12	ND	0.0137/0.0416	Pass
Fonicamid	2	ND	0.0268/0.0811	Pass	Spirotetramat	13	ND	0.0134/0.0407	Pass
Fludioxonil	30	ND	0.0153/0.0464	Pass	Spiroxamine	Any amt	ND	0.0106/0.0320	Pass
Hexythiazox	2	ND	0.0257/0.0778	Pass	Tebuconazole	2	ND	0.0144/0.0437	Pass
Imazalil	Any amt	ND	0.0156/0.0474	Pass	Thiacloprid	Any amt	ND	0.0139/0.0421	Pass
Imidacloprid	3	ND	0.0235/0.0711	Pass	Thiamethoxam	4.5	ND	0.0181/0.0549	Pass
Kresoxim-methyl	1	ND	0.0125/0.0379	Pass	Trifloxystrobin	30	ND	0.0102/0.0310	Pass



PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Colorado Pesticides by LC-MS/MS

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Abamectin	0.3	ND	0.0500/0.100	Pass	Malathion	5	ND	0.0117/0.0354	Pass
Abamectin Ba		ND	0.0500/0.100	N/A	Metalaxyl	15	ND	0.0101/0.0306	Pass
Acephate	5	ND	0.0164/0.0497	Pass	Methiocarb	Any amt	ND	0.0156/0.0473	Pass
Acequinocyl	4	ND	0.0194/0.0587	Pass	Methomyl	0.1	ND	0.0158/0.0479	Pass
Acetamiprid	5	ND	0.0146/0.0442	Pass	Methoprene		ND	0.0250/0.0500	N/A
Aldicarb	Any amt	ND	0.0216/0.0654	Pass	Mevinphos	Any amt	ND	0.0139/0.0423	Pass
Allethrin		ND	0.0150/0.0300	N/A	Myclobutanil	9	ND	0.0180/0.0546	Pass
Atrazine		ND	0.00500/0.00500	N/A	Naled	0.5	ND	0.0170/0.0514	Pass
Azadirachtin		ND	0.0300/0.0500	N/A	Novaluron		ND	0.0100/0.0200	N/A
Azoxystrobin	40	ND	0.00960/0.0291	Pass	Oxamyl	0.2	ND	0.0153/0.0465	Pass
Benzovindiflupyr		ND	0.00500/0.00500	N/A	Paclobutrazol	Any amt	ND	0.0132/0.0400	Pass
Bifentazate	5	ND	0.0115/0.0349	Pass	Permethrin	20	ND	0.00831/0.0300	Pass
Bifenthrin	0.5	ND	0.0130/0.0395	Pass	Permethrin cis		ND	0.0200/0.0300	N/A
Boscalid	10	ND	0.0197/0.0596	Pass	Permethrin trans		ND	0.0200/0.0300	N/A
Buprofezin		ND	0.0150/0.0300	N/A	Phenothrin		ND	0.0150/0.0300	N/A
Carbaryl	0.5	ND	0.0160/0.0486	Pass	Phosmet	0.2	ND	0.0125/0.0377	Pass
Carbofuran	Any amt	ND	0.00902/0.0300	Pass	Piperonylbutoxide	8	ND	0.00759/0.0300	Pass
Chlorantraniliprole	40	ND	0.0209/0.0632	Pass	Prallethrin	0.4	ND	0.0226/0.0685	Pass
Chlorpyrifos	Any amt	ND	0.0176/0.0534	Pass	Propiconazole	20	ND	0.0195/0.0590	Pass
Clofentezine	0.5	ND	0.0129/0.0389	Pass	Propoxur	Any amt	ND	0.0155/0.0471	Pass
Coumaphos	Any amt	ND	0.0185/0.0559	Pass	Pyraclostrobin		ND	0.00500/0.0100	N/A
Cyprodinil		ND	0.00500/0.0100	N/A	Pyrethrins	1	ND	0.00431/0.0300	Pass
Daminozide	Any amt	ND	0.0261/0.0791	Pass	Pyrethrins Pyrethrin I		ND	0.0100/0.0450	N/A
Deltamethrin		ND	0.0250/0.0500	N/A	Pyrethrins Pyrethrin II		ND	0.0100/0.0300	N/A
Diazinon	0.2	ND	0.00645/0.0300	Pass	Pyridaben	3	ND	0.0115/0.0350	Pass
Dichlorvos	Any amt	ND	0.0223/0.0674	Pass	Pyriproxyfen		ND	0.00500/0.0100	N/A
Dimethoate	Any amt	ND	0.0118/0.0356	Pass	Resmethrin		ND	0.0250/0.0500	N/A
Dimethomorph	20	ND	0.0137/0.0416	Pass	Spinetoram	3	ND	0.00639/0.0300	Pass
Dinotefuran		ND	0.0250/0.0500	N/A	Spinetoram J		ND	0.00500/0.0100	N/A
Diuron		ND	0.00500/0.0100	N/A	Spinetoram L		ND	0.00500/0.0100	N/A
Dodemorph		ND	0.0100/0.0200	N/A	Spinosad	3	ND	0.00410/0.0300	Pass
Ethoprophos	Any amt	ND	0.0174/0.0528	Pass	Spinosad A		ND	0.00500/0.0100	N/A
Etofenprox	Any amt	ND	0.00849/0.0300	Pass	Spinosad D		ND	0.00500/0.0100	N/A
Etoxazole	1.5	ND	0.00783/0.0300	Pass	Spirodiclofen		ND	0.0250/0.0500	N/A
Fenhexamid	10	ND	0.0129/0.0392	Pass	Spiromesifen	12	ND	0.0137/0.0416	Pass
Fenoxycarb	Any amt	ND	0.0144/0.0435	Pass	Spirotetramat	13	ND	0.0134/0.0407	Pass
Fenpyroximate	2	ND	0.00972/0.0300	Pass	Spiroxamine	Any amt	ND	0.0106/0.0320	Pass
Fensulfothion		ND	0.00500/0.0100	N/A	Tebuconazole	2	ND	0.0144/0.0437	Pass
Fenthion		ND	0.00227/0.00680	N/A	Tebufenozide		ND	0.00500/0.0100	N/A
Fipronil	Any amt	ND	0.0148/0.0447	Pass	Teflubenzuron		ND	0.0100/0.0200	N/A
Flonicamid	2	ND	0.0268/0.0811	Pass	Tetrachlorvinphos		ND	0.00500/0.0100	N/A
Fludioxonil	30	ND	0.0153/0.0464	Pass	Tetramethrin		ND	0.0250/0.0500	N/A
Fluopyram		ND	0.00500/0.00500	N/A	Thiabendazole		ND	0.00500/0.0100	N/A
Hexythiazox	2	ND	0.0257/0.0778	Pass	Thiacloprid	Any amt	ND	0.0139/0.0421	Pass
Imazalil	Any amt	ND	0.0156/0.0474	Pass	Thiamethoxam	4.5	ND	0.0181/0.0549	Pass
Imidacloprid	3	ND	0.0235/0.0711	Pass	Thiophanate-methyl		ND	0.0100/0.0200	N/A
Kresoxim-methyl	1	ND	0.0125/0.0379	Pass	Trifloxystrobin	30	ND	0.0102/0.0310	Pass

PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Mycotoxin Analysis by LC-MS/MS

Analyte	Limit (µg/kg)	Amt (µg/kg)	LOD/LOQ (µg/kg)	Pass/Fail	Analyte	Limit (µg/kg)	Amt (µg/kg)	LOD/LOQ (µg/kg)	Pass/Fail
Aflatoxin B1		ND	2.60/7.88	N/A	Aflatoxin G2		ND	1.89/5.72	N/A
Aflatoxin B2		ND	2.04/6.18	N/A	Aflatoxins	20	ND		Pass
Aflatoxin G1		ND	2.97/8.99	N/A	Ochratoxin A	20	ND	3.87/11.7	Pass



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Utah RS-INST-003, Utah RS-PREP-001: Utah Residual Solvents by GC-MS

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/ml)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/ml)	Pass/Fail
1,2-Dimethoxyethane		ND	6.00/18.0	N/A	Ethylene oxide	1	ND	6.50/19.6	Pass
1,4-Dioxane		ND	12.9/38.6	N/A	Ethyl ether	5000	ND	6.80/20.4	Pass
1-Butanol		ND	3.10/9.40	N/A	Heptane	5000	ND	0.400/1.20	Pass
1-Pentanol		ND	10.0/29.9	N/A	Hexane	290	ND	0.500/1.50	Pass
1-Propanol		ND	7.00/21.0	N/A	Isobutane		ND	10.2/30.7	N/A
2,3-Dimethylbutane		ND	0.900/2.80	N/A	Isopropyl acetate		ND	4.10/12.4	N/A
2-Butanol		ND	9.60/28.7	N/A	Isopropyl alcohol	5000	ND	11.5/34.6	Pass
2-Butanone		ND	7.20/21.6	N/A	Isopropylbenzene		ND	8.30/25.0	N/A
2-Ethoxyethanol		ND	3.90/11.6	N/A	Methanol	3000	111	18.4/55.3	Pass
2-Methylbutane		ND	0.700/2.00	N/A	Methylene chloride	1	ND	4.00/11.9	Pass
2-Methylpentane		ND	9.10/27.2	N/A	N,N-Dimethylacetamide		ND	269/807	N/A
3-Methylpentane		ND	7.40/22.1	N/A	Pentane	5000	ND	0.800/2.50	Pass
Acetone	5000	ND	8.20/24.7	Pass	Propane	5000	ND	7.90/23.8	Pass
Acetonitrile	410	ND	8.40/25.1	Pass	Pyridine		ND	19.6/58.6	N/A
Benzene	1	ND	0.400/1.10	Pass	Sulfolane		ND	22.9/68.7	N/A
Butane	5000	ND	9.60/28.7	Pass	Tetrahydrofuran		ND	6.20/18.6	N/A
Cyclohexane		ND	8.40/25.3	N/A	Toluene	890	ND	0.400/1.20	Pass
Ethanol	5000	142	4.80/14.4	Pass	o-Xylene		ND	8.80/26.3	N/A
Ethyl acetate	5000	ND	14.3/42.8	Pass	p- and m-Xylene		ND	1.60/4.90	N/A
Ethylbenzene		ND	3.50/10.5	N/A	Total xylenes	2170	ND	0.0168/0.143	Pass
Ethylene glycol		ND	3.40/10.3	N/A					

MICR-005, MICR-006: Petrifilm-Rapid Yeast & Mold

Analyte	Amt	Pass/Fail
Yeast & Mold	ND	N/A

MICR-002: Petrifilm-Coliforms

Analyte	Amt	Pass/Fail
Coliforms	ND	N/A

MICR-002: Petrifilm-Aerobic

Analyte	Amt	Pass/Fail
Aerobic Bacteria	ND	N/A

MICRO-INST-001, MICRO-PREP-001: PCR-Microbial (inhalable)

Analyte	Amt	Pass/Fail
Aspergillus flavus	ND	N/A
Aspergillus fumigatus	ND	N/A
Aspergillus niger	ND	N/A

Analyte	Amt	Pass/Fail
Aspergillus terreus	ND	N/A
Salmonella spp.	ND	Pass
Shiga toxin-producing E. coli	ND	Pass

HM-INST-003, HM-PREP-001: Heavy Metals Testing by ICP-MS

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Arsenic	1.5	ND	0.00300/0.00900	Pass
Cadmium	0.5	ND	0.00100/0.00200	Pass

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Lead	0.5	< LOQ	0.00100/0.00400	Pass
Mercury	3	ND	0.00500/0.0140	Pass

