

Certificate of Analysis

Produced: Oct 30, 2024

Sample: Passion Fruit (Edible Liquid) • Client: Delta Beverages • Batch: Pass



Batch No.: 20241023/20241024
Matrix: Edible Liquid
Density: 1.00648 g/ml
Category: Edible
Sample ID: ICC-241025-06-001
Collected on: Oct 25, 2024
Received on: Oct 25, 2024
Batch Size: 8 Units
Sample Size:
Received By: Rebecca Fischer
Package Size: 353.73 g
Petrifilm Overall Results: Pass
Total Yeast and Mold Limit: 1000 CFU/g

Batch Result: Pass

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

Cannabinoid Overview

Δ⁹-THC:	18.6 mg/pkg
CBD:	2.16 mg/pkg
Sum of Cannabinoids:	20.7 mg/pkg

POT-INST-005: Potency

Analyte	Amt (mg/pkg)	Amt (%)	Amt (mg/ml)	LOD/LOQ (mg/g)
CBC		ND	ND	0.00109/0.00328
CBD	2.16	0.000612	0.0062	0.000334/0.00166
CBDA		ND	ND	0.000800/0.00240
CBDV		ND	ND	0.000265/0.00166
CBG		ND	ND	0.000378/0.00166
CBGA		ND	ND	0.000590/0.00177
CBL		ND	ND	0.000261/0.00166
CBN		ND	ND	0.000378/0.00166

Analyte	Amt (mg/pkg)	Amt (%)	Amt (mg/ml)	LOD/LOQ (mg/g)
CBT		ND	ND	0.000474/0.00166
Δ ⁸ -THC		ND	ND	0.000268/0.00166
Δ ⁹ -THC	18.6	0.00525	0.053	0.000443/0.00166
THCA		ND	ND	0.000608/0.00183
THCV		ND	ND	0.000205/0.00166
Total THC**	18.6	0.00525	0.053	
Total CBD**	2.16	0.000612	0.0062	

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: Pesticide Analysis 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
Captan	5	ND	0.120/0.358	Pass	Cypermethrin	1	ND	0.0145/0.0435	Pass
Chlordane	Any amt	ND	0.0249/0.0747	Pass	Methyl parathion	Any amt	ND	0.00811/0.0243	Pass
Chlorfenapyr	Any amt	ND	0.0251/0.0753	Pass	Pentachloronitrobenzene	0.2	ND	0.0182/0.0545	Pass
Cyfluthrin	1	ND	0.0186/0.0558	Pass					



PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: 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	Imazalil	Any amt	ND	0.0156/0.0474	Pass
Acephate	5	ND	0.0164/0.0497	Pass	Imidacloprid	3	ND	0.0235/0.0711	Pass
Acequinocyl	4	ND	0.0194/0.0587	Pass	Kresoxim-methyl	1	ND	0.0125/0.0379	Pass
Acetamiprid	5	ND	0.0146/0.0442	Pass	Malathion	5	ND	0.0117/0.0354	Pass
Aldicarb	Any amt	ND	0.0216/0.0654	Pass	Metalaxyl	15	ND	0.0101/0.0306	Pass
Azoxystrobin	40	ND	0.00960/0.0291	Pass	Methiocarb	Any amt	ND	0.0156/0.0473	Pass
Bifenazate	5	ND	0.0115/0.0349	Pass	Methomyl	0.1	ND	0.0158/0.0479	Pass
Bifenthrin	0.5	ND	0.0130/0.0395	Pass	Mevinphos	Any amt	ND	0.0139/0.0423	Pass
Boscalid	10	ND	0.0197/0.0596	Pass	Myclobutanil	9	ND	0.0180/0.0546	Pass
Carbaryl	0.5	ND	0.0160/0.0486	Pass	Naled	0.5	ND	0.0170/0.0514	Pass
Carbofuran	Any amt	ND	0.00902/0.0300	Pass	Oxamyl	0.2	ND	0.0153/0.0465	Pass
Chlorantraniliprole	40	ND	0.0209/0.0632	Pass	Pacllobutrazol	Any amt	ND	0.0132/0.0400	Pass
Chlorpyrifos	Any amt	ND	0.0176/0.0534	Pass	Permethrin	20	ND	0.00831/0.0300	Pass
Clofentezine	0.5	ND	0.0129/0.0389	Pass	Phosmet	0.2	ND	0.0125/0.0377	Pass
Coumaphos	Any amt	ND	0.0185/0.0559	Pass	Piperonylbutoxide	8	ND	0.00759/0.0300	Pass
Daminozide	Any amt	ND	0.0261/0.0791	Pass	Prallethrin	0.4	ND	0.0226/0.0685	Pass
Diazinon	0.2	ND	0.00645/0.0300	Pass	Propiconazole	20	ND	0.0195/0.0590	Pass
Dichlorvos	Any amt	ND	0.0223/0.0674	Pass	Propoxur	Any amt	ND	0.0155/0.0471	Pass
Dimethoate	Any amt	ND	0.0118/0.0356	Pass	Pyrethrins	1	ND	0.00431/0.0300	Pass
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	Spinosad	3	ND	0.00410/0.0300	Pass
Etoxazole	1.5	ND	0.00783/0.0300	Pass	Spiromesifen	12	ND	0.0137/0.0416	Pass
Fenhexamid	10	ND	0.0129/0.0392	Pass	Spirotetramat	13	ND	0.0134/0.0407	Pass
Fenoxycarb	Any amt	ND	0.0144/0.0435	Pass	Spiroxamine	Any amt	ND	0.0106/0.0320	Pass
Fenpyroximate	2	ND	0.00972/0.0300	Pass	Tebuconazole	2	ND	0.0144/0.0437	Pass
Fipronil	Any amt	ND	0.0148/0.0447	Pass	Thiacloprid	Any amt	ND	0.0139/0.0421	Pass
Fonicamid	2	ND	0.0268/0.0811	Pass	Thiamethoxam	4.5	ND	0.0181/0.0549	Pass
Fludioxonil	30	ND	0.0153/0.0464	Pass	Trifloxystrobin	30	ND	0.0102/0.0310	Pass
Hexythiazox	2	ND	0.0257/0.0778	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

RS-INST-003, RS-PREP-001: 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-Dichloroethane	1	ND	0.169/0.515	Pass	Hexane	290	ND	0.0668/0.284	Pass
Acetone	5000	ND	17.3/51.9	Pass	Isopropyl alcohol	5000	ND	1.30/3.89	Pass
Acetonitrile	410	ND	0.121/0.363	Pass	Methanol	3000	ND	3.01/9.02	Pass
Benzene	1	ND	0.0213/0.0647	Pass	Methylene chloride	1	ND	0.129/0.738	Pass
Butane	5000	ND	0.983/4.91	Pass	Pentane	5000	ND	0.973/4.32	Pass
Chloroform	1	ND	0.0364/0.109	Pass	Propane	5000	ND	4.49/13.5	Pass
Ethanol	5000	129	2.65/7.94	Pass	Toluene	890	ND	0.0890/0.874	Pass
Ethyl acetate	5000	ND	0.317/2.32	Pass	Trichloroethylene	1	ND	0.0182/0.147	Pass
Ethylene oxide	1	ND	0.155/0.586	Pass	o-Xylene		ND	0.102/0.867	N/A
Ethyl ether	5000	ND	1.20/3.59	Pass	p- and m-Xylene		ND	0.117/1.74	N/A
Heptane	5000	ND	0.695/2.89	Pass	Total xylenes	2170	ND	0.0168/0.143	Pass

MICRO-008, MICRO-INST-001, MICRO-PREP-001: PCR-Microbial (noninhalable)

Analyte	Amt	Pass/Fail	Analyte	Amt	Pass/Fail
Salmonella spp.	ND	Pass	Shiga toxin-producing E. coli	ND	Pass

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

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

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	Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Arsenic	1.5	ND	0.00300/0.00900	Pass	Lead	0.5	< LOQ	0.00100/0.00400	Pass
Cadmium	0.5	ND	0.00100/0.00200	Pass	Mercury	3	ND	0.00500/0.0140	Pass

