



# Certificate of Analysis

Report Published: 03/10/2023

**Client Name:** Reddi Beverage Company  
LLC

**Address:** 1229 N North Branch Chicago,  
IL. 60607

**Phone:** (630) 407-4875

**Certificate Number:** 7701

**License Number:** N/A

**Sample Description:** Flora Passion Fruit "Margarita"

**Batch ID:** 02232023

**Lot ID:** None

**Sample ID:** 09-2303-74

**Sampling Method:** SOP-SMPL-003

**Sample Type:** Beverage (Low)

**Sampling Date:** 03/03/2023



## Results Summary

**Potency** ✔ **TESTED**

**Date Analyzed:** 03/06/2023

**Method Used:**  
SOP-CANN-001

**Terpenes** ✔ **TESTED**

**Date Analyzed:** 03/06/2023

**Method Used:**  
SOP\_TERP\_001

**Pesticides** ✔ **PASS**

**Date Analyzed:** 03/06/2023

**Method Used:**  
SOP\_PEST\_001

**Mycotoxins** ✔ **PASS**

**Date Analyzed:** 03/06/2023

**Method Used:**  
SOP\_MYCO\_001

**Heavy Metals** ✔ **PASS**

**Date Analyzed:** 03/06/2023

**Method Used:**  
SOP\_HM\_001

**Residual Solvents** ✔ **PASS**

**Date Analyzed:** 03/06/2023

**Method Used:**  
SOP\_RS\_001

**Microbial Impurities** ✔ **PASS**

**Date Analyzed:** 03/06/2023

**Method Used:**  
SOP\_MICRO\_001

**Foreign Matter** ✔ **PASS**

**Date Analyzed:** 03/06/2023

**Method Used:**  
SOP\_FM\_001

## Potency

 **TESTED**
**Date Analyzed:** 03/06/2023  
**Instrument:** Agilent 1260 HPLC

**Date Completed:** 03/07/2023  
**Lab Tech:** Margarita Gomez

**Moisture Content (%):** None  
**Unit Size (oz):** 8

Cannabinoid	Result (%)	Result (mg/g)	Result (mg/unit)	Result (mg/package)	LOD (%)	LOQ (%)	Relative Abundance
CBDVA	ND	ND	ND	ND	5e-05	0.0001	
CBDV	ND	ND	ND	ND	5e-05	0.0001	
CBDA	ND	ND	ND	ND	5e-05	0.0001	
CBD	0.004	0.036	8.624	8.624	5e-05	0.0001	<div style="width: 100%; height: 10px; background-color: green;"></div>
THCVA	<LOQ	<LOQ	<LOQ	<LOQ	5e-05	0.0001	
THCV	ND	ND	ND	ND	5e-05	0.0001	
THCA	ND	ND	ND	ND	5e-05	0.0001	
Δ9 THC	0.002	0.017	3.965	3.965	5e-05	0.0001	<div style="width: 100%; height: 10px; background-color: green;"></div>
Δ8 THC	ND	ND	ND	ND	5e-05	0.0001	
CBN	ND	ND	ND	ND	5e-05	0.0001	
CBCA	ND	ND	ND	ND	5e-05	0.0001	
CBC	ND	ND	ND	ND	5e-05	0.0001	
CBGA	ND	ND	ND	ND	5e-05	0.0001	
CBG	ND	ND	ND	ND	5e-05	0.0001	
<b>Total THC</b>	<b>0.002</b>	<b>0.017</b>	<b>3.965</b>	<b>3.965</b>			
<b>Total CBD</b>	<b>0.004</b>	<b>0.036</b>	<b>8.624</b>	<b>8.624</b>			
<b>Total Cannabinoids</b>	<b>0.005</b>	<b>0.053</b>	<b>12.590</b>	<b>12.590</b>			

**Total THC %** = THC% + (THCA% x 0.877)

**Total CBD %** = CBD% + (CBDA% x 0.877)

**Total Cannabinoids** = Sum of all cannabinoids without THC/CBD corrections.

**LOD** = Limit of Detection; **LOQ** = Limit of Quantitation; **ND** = Not Detected.

The reported result for each analyte includes a moisture content correction equal to: Base% / (1 - Moisture%)

Relative Abundance represents the percentage of each analyte compared with the total cannabinoid content.

## Terpenes

 **TESTED**
**Date Analyzed:** 03/06/2023  
**Instrument:** Agilent 8890/5973 GCMS

**Date Completed:** 03/07/2023  
**Lab Tech:** Malcolm Manning

**Moisture Content (%):** None

Terpene	Result (%)	LOD (%)	LOQ (%)	Terpene	Result (%)	LOD (%)	LOQ (%)
α-Bisabolol	ND	0.005	0.023	Δ-3-Carene	ND	0.005	0.023
α-Humulene	<LOQ	0.005	0.023	D-Limonene	<LOQ	0.005	0.032
α-Pinene	ND	0.005	0.023	Eucalyptol	<LOQ	0.005	0.023
α-Terpinene	<LOQ	0.005	0.023	Geraniol	ND	0.005	0.032
β-Caryophyllene	ND	0.005	0.023	Guaiol	ND	0.005	0.023
β-Myrcene	<LOQ	0.005	0.023	Isopulegol	ND	0.005	0.023
β-Pinene	ND	0.005	0.023	Linalool	ND	0.005	0.023
Camphene	ND	0.005	0.023	p-Cymene	<LOQ	0.005	0.023
Caryophyllene Oxide	ND	0.005	0.023	Terpinolene	ND	0.005	0.023
cis-β-Ocimene	<LOQ	0.001	0.006	trans-Nerolidol	<LOQ	0.003	0.014
cis-Nerolidol	ND	0.002	0.009	γ-Terpinene	<LOQ	0.005	0.023
				<b>Total Terpene Content</b>	<b>ND</b>		

## Pesticides

 **PASS**

**Date Analyzed:** 03/06/2023  
**Instrument:** Agilent Ultivo LC-MS/MS

**Date Completed:** 03/07/2023  
**Lab Tech:** Malcolm Manning

Pesticide	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Acephate	ND	10.000	50.000	50	Pass
Acetamiprid	ND	1.000	5.000	10	Pass
Aldicarb	ND	5.000	10.000	20	Pass
Bifenazate	ND	0.500	1.000	20	Pass
Bifenthrin	NR	5.000	5.000	50	Pass
Carbaryl	ND	5.000	5.000	20	Pass
Carbofuran	ND	0.500	1.000	100	Pass
Chlorantraniliprole	ND	10.000	20.000	20	Pass
Chloromequat Chloride	ND	20.000	40.000	40	Pass
Chlorpyrifos	NR	5.000	5.000	10	Pass
Chlofentezine	ND	5.000	10.000	10	Pass
Coumaphos	ND	5.000	5.000	150	Pass
Diazinon	ND	0.500	1.000	50	Pass
Dimethomorph I	ND	5.000	5.000	50	Pass
Dimethomorph II	ND	5.000	5.000	50	Pass
Ethoprophos	ND	1.000	5.000	20	Pass
Etofenprox	NR	1.000	1.000	10	Pass
Etoxazole	ND	0.500	1.000	10	Pass
Fenhexamid	ND	5.000	10.000	20	Pass
Fenpyroximate	NR	0.500	1.000	15	Pass
Fipronil	ND	5.000	5.000	10	Pass

Pesticide	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Flonicamid	ND	1.000	5.000	30	Pass
Fludioxonil	ND	5.000	5.000	10	Pass
Hexythiazox	ND	5.000	5.000	20	Pass
Imidacloprid	ND	1.000	5.000	20	Pass
Kresoxim Methyl	ND	5.000	5.000	10	Pass
Metalaxyl	ND	0.500	1.000	20	Pass
Oxamyl I	NR	1.000	5.000	50	Pass
Phosmet	ND	5.000	5.000	40	Pass
Prallethrin	ND	5.000	10.000	1000	Pass
Pyridaben	NR	0.500	1.000	10	Pass
Spinetoram J	ND	0.500	1.000	40	Pass
Spinetoram L	ND	0.500	1.000	40	Pass
Spinosyn A	ND	5.000	5.000	10	Pass
Spinosyn D	ND	5.000	5.000	10	Pass
Spiromesifen	ND	0.500	1.000	10	Pass
Spirotetramat	ND	5.000	5.000	10	Pass
Spiroxamine I	ND	0.500	1.000	50	Pass
Spiroxamine II	ND	0.500	1.000	50	Pass
Tebuconazole	ND	5.000	5.000	50	Pass
Thiacloprid	ND	0.500	1.000	20	Pass
Thiamethoxam	ND	1.000	5.000	20	Pass
Trifloxystrobin	ND	0.500	1.000	10	Pass

## Mycotoxins

 **PASS**

**Date Analyzed:** 03/06/2023  
**Instrument:** Agilent Ultivo LC-MS/MS

**Date Completed:** 03/07/2023  
**Lab Tech:** Malcolm Manning

Mycotoxins	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Aflatoxin B1	ND	4.820	9.641	20	Pass
Aflatoxin B2	ND	4.820	9.641	20	Pass
Aflatoxin G1	ND	4.820	9.641	20	Pass
Aflatoxin G2	ND	4.820	9.641	20	Pass
Ochratoxin A	ND	9.641	9.641	20	Pass

## Heavy Metals

 **PASS**

**Date Analyzed:** 03/06/2023  
**Instrument:** Agilent 7800 ICP-MS

**Date Completed:** 03/07/2023  
**Lab Tech:** Margarita Gomez

Heavy Metals	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Lead	ND	1.618	80.906	1000	Pass
Arsenic	ND	1.618	80.906	1500	Pass
Cadmium	ND	1.618	80.906	500	Pass
Mercury	ND	1.618	8.091	3000	Pass
Chromium	ND	1.618	80.906	2000	Pass

## Residual Solvents

 **PASS**
**Date Analyzed:** 03/06/2023  
**Instrument:** GC-FID

**Date Completed:** 03/07/2023  
**Lab Tech:** Malcolm Manning

Residual Solvent	Result (ppm)	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Status
Propane	ND	16.245	54.151	5000	Pass
Butane	ND	9.379	31.263	5000	Pass
Methanol	ND	7.695	25.650	3000	Pass
Ethylene Oxide	ND	0.105	0.353	50	Pass
Pentane	ND	3.322	11.072	5000	Pass
Ethanol	25.646	1.394	4.648	5000	Pass
Ethyl Ether	ND	3.140	10.466	5000	Pass
Acetone	ND	2.891	10.466	5000	Pass
Petroleum Ether	ND	0.347	1.158	400	Pass
Isopropyl Alcohol	ND	1.253	9.637	5000	Pass
Methylene Chloride	ND	0.620	2.069	600	Pass
Hexane	ND	0.347	1.158	290	Pass
Ethyl Acetate	ND	1.926	6.422	5000	Pass
Heptane	ND	2.397	33.557	5000	Pass
Trichloroethene	ND	0.066	0.220	80	Pass
Toluene	ND	0.458	1.528	890	Pass
Total Xylenes	ND	1.456	4.854	2070	Pass

## Microbial Impurities (Quantitative)

 **PASS**
**Date Analyzed:** 03/06/2023  
**Instrument:** 3M Petrifilm

**Date Completed:** 03/09/2023  
**Lab Tech:** Malcolm Manning

Microbials (Quantitative)	Result (CFU/g)	Limit (CFU/g)	Status
Total Coliform Count	ND	100	Pass
Total BTGN Count	ND	100	Pass
Total Aerobic Content Count	ND	10000	Pass
Total Yeast and Mold Count	ND	1000	Pass

TNTC = Too numerous to count.

## Microbial Impurities (Qualitative)

 **PASS**
**Date Analyzed:** 03/06/2023  
**Instrument:** 3M Petrifilm

**Date Completed:** 03/09/2023  
**Lab Tech:** Malcolm Manning

Microbials (Qualitative)	Result	Limit	Status
STEC	Not Detected	Detected	Pass
Salmonella Spp.	Not Detected	Detected	Pass

TNTC = Too numerous to count.

**Foreign Matter**

 **PASS**

**Date Analyzed:** 03/06/2023  
**Instrument:** Visual Inspection

**Date Completed:** 03/06/2023  
**Lab Tech:** Malcolm Manning

Foreign Materials	Result (% w/w)
Cinders	ND
Dirt	ND
Insect Fragments	ND
Mold	ND
Other	ND

--- END OF REPORT ---