

## Product Development (R&D)

Report Published: 07/12/2022

**Client Name:** Reddi Beverage Company  
LLC**Address:** 1229 N North Branch Chicago,  
IL. 60607**Phone:** (630) 407-4875**Certificate Number:** 5101**License Number:** N/A**Sample Description:** Flora Delta 8**Batch ID:** None**Sample ID:** 27-2207-02 **Sampling Method:** SOP-SMPL-003**Sample Type:** Infused Product **Sampling Date:** 07/05/2022

### Results Summary

**Potency**

✓ TESTED

**Date Analyzed:** 07/08/2022**Method Used:**  
SOP\_CANN\_001**Heavy Metals**

✓ PASS

**Date Analyzed:** 07/08/2022**Method Used:**  
SOP\_HM\_001**Residual Solvents**

✓ PASS

**Date Analyzed:** 07/06/2022**Method Used:**  
SOP\_RS\_001**Microbial Impurities**

✓ PASS

**Date Analyzed:** 07/06/2022**Method Used:**  
SOP\_MICRO\_001

## Potency

 **TESTED**

**Date Analyzed:** 07/08/2022 **Date Completed:** 07/11/2022 **Moisture Content (%):** 0  
**Instrument:** Agilent 1260 HPLC **Lab Tech:** Landen Nickel **Unit Size (g):** 60

### Result (mg/Result (mg/Result (mg/LODLOQRelative

#### Cannabinoid

(%) (g) Unit Package (%) (%) Abundance

CBDVA ND ND ND ND 0.0001 0.0001  
 CBDV ND ND ND ND 0.0001 0.0001  
 CBDA ND ND ND ND 0.0001 0.0001  
 CBD ND ND ND ND 0.0001 0.0001  
 THCVA ND ND ND ND 0.0001 0.0001  
 THCV ND ND ND ND 0.0001 0.0001  
 THCA ND ND ND ND 0.0001 0.0001  
 Δ9 THC 0.001 0.012 0.702 8.771 0.0001 0.0001  
 Δ8 THC 0.041 0.413 24.761 309.513 0.0001 0.0001  
 CBN ND ND ND ND 0.0001 0.0001  
 CBCA ND ND ND ND 0.0001 0.0001  
 CBC ND ND ND ND 0.0001 0.0001  
 CBGA ND ND ND ND 0.0001 0.0001  
 CBG ND ND ND ND 0.0001 0.0001

**Total THC 0.042 0.425 25.463 318.284**

**Total CBD ND ND ND ND**

**Total**

**Cannabinoids 0.042 0.425 25.463 318.284**

**Total THC %** = (THC% + (THCA% x 0.877)) / (1 - (THCA% + CBDA% + CBGA%) x 0.123)

**Total CBD %** = (CBD% + (CBDA% x 0.877)) / (1 - (THCA% + CBDA% + CBGA%) x 0.123)

**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.

## Heavy Metals

 **PASS**

**Date Analyzed:** 07/08/2022  
**Instrument:** Agilent 7800 ICP-MS

**Date Completed:** 07/11/2022  
**Lab Tech:** Malcolm Manning

Heavy Metals	Result (ppb)	LOD	LOQ (ppb)	Limit (ppb)	Status
Lead ND		(ppb)	83.5000	1000	Pass
Arsenic ND	0.7010		83.5000	1500	Pass
Cadmium ND	2.2540		83.5000	500	Pass
Mercury ND	1.1250		8.3500	3000	Pass
Chromium ND	4.1080		83.5000	2000	Pass
	6.1460				Pass

## Residual Solvents

 **PASS**

**Date Analyzed:** 07/06/2022  
**Instrument:** GC-MS

**Date Completed:** 07/06/2022  
**Lab Tech:** Landen Nickel

Residual Solvent	Result (ppm)	LOD (ppm)	LOQ (ppm) Limit (ppm)	Status
Propane	ND		466.7770 5000	Pass
Butane	ND	140.0330	269.4790 5000	Pass
Methanol	ND	80.8430	221.0990 3000	Pass
Ethylene Oxide	ND	66.3306	3.0413 50	Pass
Pentane	ND	0.9091	95.4380 5000	Pass
Ethanol	ND	28.6364	40.0661 5000	Pass
Ethyl Ether	ND	12.0165	90.2149 5000	Pass
Acetone	ND	27.0661	90.2149 5000	Pass
Petroleum Ether	ND	24.9174	9.9835 400	Pass
Isopropyl Alcohol	ND	2.9917	83.0661 5000	Pass
Methylene Chloride	ND	10.8017	17.8347 600	Pass
Hexane	ND	5.3471	9.9835 290	Pass
Ethyl Acetate	ND	2.9917	55.3554 5000	Pass
Heptane	ND	16.6033	289.2560 5000	Pass
Trichloroethene	ND	20.6612	1.8926 80	Pass
Toluene	ND	0.5702	13.1736 890	Pass
Total Xylenes	ND	3.9504	41.8430 2070	Pass
		12.5537		Pass

## Microbial Impurities (Quantitative)

 **PASS**

**Date Analyzed:** 07/06/2022  
**Instrument:** 3M Petrifilm

**Date Completed:** 07/11/2022  
**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	99	10000	Pass
Total Yeast and Mold Count	ND	1000	Pass
TNTC = Too numerous to count.			

## Microbial Impurities (Qualitative)

 **PASS**

**Date Analyzed:** 07/06/2022  
**Instrument:** 3M Petrifilm

**Date Completed:** 07/11/2022  
**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.		

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