

#### **Smithers**

**Cannabis Testing Services** 4711 N Lamon Ave. Ste. 14 Chicago, IL 60630 (872)-870-0500

# Product Development (R&D) Report Published: 07/12/2022

Client Name: Reddi Beverage Company

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** 

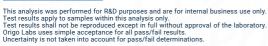
Method Used: SOP\_RS\_001

**Microbial Impurities** 

PASS

**Date Analyzed:** 07/06/2022

Method Used: SOP\_MICRO\_001











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## **Potency**



Date Analyzed: 07/08/2022Date Completed: 07/11/2022Moisture Content (%): 0

Instrument: Agilent 1260 HPLCLab Tech: Landen NickelUnit Size (g): 60

#### ResultResult (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 THC0.001 0.012 0.702 8.771 0.0001 0.0001

Δ8 THC0.041 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.

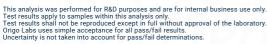
## **Heavy Metals**



PASS

<b>Date Analyzed:</b> 07/08/2022	Date Completed: 07/11/2022
Instrument: Agilent 7800 ICP-MS	Lab Tech: Malcolm Manning

Heavy MetalsResult (ppb)	LOD	LOQ (ppb)Limit (ppb)	Statu
Lead ND	(ppb)	83.5000 1000	S
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











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## **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		LOQ (ppm)Limit (ppm)	Statu
Propane	ND	(ppm)		466.7770 5000	S
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: 07/06/2022Date Completed: 07/11/2022Instrument: 3M PetrifilmLab Tech: Malcolm Manning

Microbials (Quantitative)	Result (CFU/g)	Limit (CFU/g)	Statu
Total Coliform Count	ND	100	S
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.			Pass

# **Microbial Impurities (Qualitative)**



**PASS** 

Date Analyzed: 07/06/2022Date Completed: 07/11/2022Instrument: 3M PetrifilmLab Tech: Malcolm Manning

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

TNTC = Too numerous to count.

--- END OF REPORT ---

