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 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	

This analysis was performed for R&D purposes and are for internal business use only.
Test results apply to samples within this analysis only.
Test results shall not be reproduced except in full without approval of the laboratory.
Origo Labs uses simple acceptance for all pass/fail results.
Uncertainty is not taken into account for pass/fail determinations.

Landen Nickel 07/12/2022

SMITHERS
INNOVATE WITH CONFIDENCE

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Potency

TESTED

Date Analyzed: 07/08/2022
Instrument: Agilent 1260 HPLC

Date Completed: 07/11/2022
Lab Tech: Landen Nickel

Moisture Content (%): 0
Unit Size (g): 60

Cannabinoid	Result (%)	Result (mg/g)	Result (mg/unit)	Result (mg/package)	LOD (%)	LOQ (%)	Relative 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 (ppb)	LOQ (ppb)	Limit (ppb)	Status
Lead	ND	0.7010	83.5000	1000	Pass
Arsenic	ND	2.2540	83.5000	1500	Pass
Cadmium	ND	1.1250	83.5000	500	Pass
Mercury	ND	4.1080	8.3500	3000	Pass
Chromium	ND	6.1460	83.5000	2000	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 (ppm)	LOQ (ppm)	Limit (ppm)	Status
Propane	ND	140.0330	466.7770	5000	Pass
Butane	ND	80.8430	269.4790	5000	Pass
Methanol	ND	66.3306	221.0990	3000	Pass
Ethylene Oxide	ND	0.9091	3.0413	50	Pass
Pentane	ND	28.6364	95.4380	5000	Pass
Ethanol	ND	12.0165	40.0661	5000	Pass
Ethyl Ether	ND	27.0661	90.2149	5000	Pass
Acetone	ND	24.9174	90.2149	5000	Pass
Petroleum Ether	ND	2.9917	9.9835	400	Pass
Isopropyl Alcohol	ND	10.8017	83.0661	5000	Pass
Methylene Chloride	ND	5.3471	17.8347	600	Pass
Hexane	ND	2.9917	9.9835	290	Pass
Ethyl Acetate	ND	16.6033	55.3554	5000	Pass
Heptane	ND	20.6612	289.2560	5000	Pass
Trichloroethene	ND	0.5702	1.8926	80	Pass
Toluene	ND	3.9504	13.1736	890	Pass
Total Xylenes	ND	12.5537	41.8430	2070	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.

--- END OF REPORT ---

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