

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: 5100

License Number: N/A

Sample Description: Flora Essence

Batch ID: None

Sample ID: 27-2207-01 **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	0.0005	0.0010	
CBDV	ND	ND	ND	ND	0.0005	0.0010	
CBDA	ND	ND	ND	ND	0.0005	0.0010	
CBD	0.044	0.435	26.106	326.320	0.0005	0.0010	<div style="width: 100%;"></div>
THCVA	ND	ND	ND	ND	0.0005	0.0010	
THCV	ND	ND	ND	ND	0.0005	0.0010	
THCA	ND	ND	ND	ND	0.0005	0.0010	
Δ9 THC	ND	ND	ND	ND	0.0005	0.0010	
Δ8 THC	ND	ND	ND	ND	0.0005	0.0010	
CBN	ND	ND	ND	ND	0.0005	0.0010	
CBCA	ND	ND	ND	ND	0.0005	0.0010	
CBC	ND	ND	ND	ND	0.0005	0.0010	
CBGA	ND	ND	ND	ND	0.0005	0.0010	
CBG	ND	ND	ND	ND	0.0005	0.0010	
Total THC	ND	ND	ND	ND			
Total CBD	0.044	0.435	26.106	326.320			
Total	0.044	0.435	26.106	326.320			

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	(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)	Statu
Propane	ND		412.2630 5000	s
Butane	ND	123.6790	238.0070 5000	Pass
Methanol	ND	71.4015	195.2770 3000	Pass
Ethylene Oxide	ND	58.5839	2.6861 50	Pass
Pentane	ND	0.8029	84.2920 5000	Pass
Ethanol	ND	25.2920	35.3869 5000	Pass
Ethyl Ether	ND	10.6131	79.6788 5000	Pass
Acetone	ND	23.9051	79.6788 5000	Pass
Petroleum Ether	ND	22.0073	8.8175 400	Pass
Isopropyl Alcohol	ND	2.6423	73.3650 5000	Pass
Methylene Chloride	ND	9.5402	15.7518 600	Pass
Hexane	ND	4.7226	8.8175 290	Pass
Ethyl Acetate	ND	2.6423	48.8905 5000	Pass
Heptane	ND	14.6642	255.4740 5000	Pass
Trichloroethene	ND	18.2482	1.6715 80	Pass
Toluene	ND	0.5037	11.6350 890	Pass
Total Xylenes	ND	3.4891	36.9562 2070	Pass
		11.0876		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)	Statu
Total Coliform Count	ND	100	s
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.			
			Pass

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 ---