

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

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		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)	Status
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 ---