

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



# **Product Development (R&D)**

Report Published: 12/07/2023

Client Name: Reddi Beverage Company

LLC

Address: 1229 N North Branch Chicago,

IL. 60607

Phone: (630) 407-4875 Certificate Number: 11108 License Number: N/A

Sample Description: CS PE

Batch ID: None Lot ID: None

Sample ID: 49-2312-06 Sampling Method: SOP-SMPL-002

Sample Type: Beverage (Low) Sampling Date: 12/04/2023



### **Results Summary**

**Potency** 

**TESTED** 

Date Analyzed: 12/07/2023

Method Used: SOP-CANN-001

**Terpenes** 

**TESTED** 

**Date Analyzed:** 12/05/2023

Method Used: SOP\_TERP\_001

**Pesticides** 

**TESTED** 

Date Analyzed: 12/05/2023 Method Used: SOP\_PEST\_001

**Mycotoxins** 

**TESTED** 

Date Analyzed: 12/05/2023

Method Used: SOP\_MYCO\_001

**Heavy Metals** 

**TESTED** 

Date Analyzed: 12/06/2023

Method Used: SOP HM 001

**Residual Solvents** 

**✓** TESTED

Date Analyzed: 12/05/2023

Method Used: SOP\_RS\_001

**Microbial Impurities** 

**✓** TESTED

Date Analyzed: 12/05/2023

Method Used: SOP\_MICRO\_001

**Foreign Matter** 

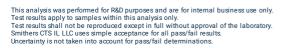
**TESTED** 

Date Analyzed: 12/05/2023

Method Used: SOP\_FM\_001











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### **Potency**





Date Analyzed: 12/07/2023Date Completed: 12/07/2023Moisture Content (%): NoneInstrument: Agilent 1260 HPLCLab Tech: Malcolm ManningUnit Size (mL): 355

Cannabinoid	Result (%)	Result (mg/ g)	Result (mg/ unit)	Result (mg/ package)	LOD (%)	LOQ (%)	Relative Abundance
CBDVA	ND	ND	ND	ND	0.00025	0.0005	
CBDV	ND	ND	ND	ND	0.00025	0.0005	
CBDA	ND	ND	ND	ND	0.00025	0.0005	
CBD	ND	ND	ND	ND	0.00025	0.0005	
THCVA	ND	ND	ND	ND	0.00025	0.0005	
THCV	ND	ND	ND	ND	0.00025	0.0005	
THCA	ND	ND	ND	ND	0.00025	0.0005	
Δ9 THC	0.001	0.005	1.838	1.838	0.00025	0.0005	
Δ8 THC	ND	ND	ND	ND	0.00025	0.0005	
CBN	ND	ND	ND	ND	0.00025	0.0005	
CBCA	ND	ND	ND	ND	0.00025	0.0005	
CBC	ND	ND	ND	ND	0.00025	0.0005	
CBGA	ND	ND	ND	ND	0.00025	0.0005	
CBG	ND	ND	ND	ND	0.00025	0.0005	
Total THC	0.001	0.005	1.838	1.838			
Total CBD	ND	ND	ND	ND			
Total Cannabinoids	0.001	0.005	1.838	1.838			

Total THC % = THC% + (THCA% x 0.877)
Total CBD % = CBD% + (CBDA% x 0.877)

**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.

### Terpenes



**TESTED** 

Date Analyzed: 12/05/2023 Date Completed: 12/06/2023 Moisture Content (%): None Instrument: Agilent 8890/5977B GCMS Lab Tech: Landen Nickel

Terpene	Result (%)	LOD (%)	LOQ (%)
α-Bisabolol	ND	0.005	0.024
α-Humulene	ND	0.005	0.024
α-Pinene	ND	0.005	0.024
α-Terpinene	ND	0.005	0.024
β-Caryophyllene	ND	0.005	0.024
β-Myrcene	ND	0.005	0.024
β-Pinene	ND	0.005	0.024
Camphene	ND	0.005	0.024
Caryophyllene Oxide	ND	0.005	0.024
cis-β-Ocimene	ND	0.001	0.007
cis-Nerolidol	ND	0.002	0.009

Terpene	Result (%)	LOD (%)	LOQ (%)
Δ-3-Carene	ND	0.005	0.024
D-Limonene	ND	0.005	0.033
Eucalyptol	ND	0.005	0.024
Geraniol	ND	0.005	0.033
Guaiol	ND	0.005	0.024
Isopulegol	ND	0.005	0.024
Linalool	ND	0.005	0.024
p-Cymene	ND	0.005	0.024
Terpinolene	ND	0.005	0.024
trans-Nerolidol	ND	0.003	0.014
γ-Terpinene	ND	0.005	0.024
Total Terpene Content	ND		









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### **Pesticides**

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**TESTED** 

**Date Analyzed: 12/05/2023** 

Instrument: Agilent Ultivo LC-MS/MS

Pesticide	Result (ppb)	LOD (ppb)	LOQ (ppb)
Acephate	ND	10.000	50.000
Acetamiprid	ND	1.000	5.000
Aldicarb	ND	5.000	10.000
Bifenazate	NR	0.500	1.000
Bifenthrin	ND	5.000	5.000
Carbaryl	ND	5.000	5.000
Carbofuran	ND	0.500	1.000
Chlorantraniliprole	ND	10.000	20.000
Chlormequat Chloride	ND	20.000	40.000
Chlorpyrifos	ND	5.000	5.000
Chlofentezine	ND	5.000	10.000
Coumaphos	ND	5.000	5.000
Diazinon	ND	0.500	1.000
Dimethomorph I	ND	5.000	5.000
Dimethomorph II	ND	5.000	5.000
Ethoprophos	ND	1.000	5.000
Etofenprox	ND	1.000	1.000
Etoxazole	ND	0.500	1.000
Fenhexamid	ND	5.000	10.000
Fenpyroximate	ND	0.500	1.000
Fipronil	ND	5.000	5.000

**Date Completed:** 12/06/2023 **Lab Tech:** Landen Nickel

Pesticide	Result (ppb)	LOD (ppb)	LOQ (ppb)
Flonicamid	ND	1.000	5.000
Fludioxonil	ND	5.000	5.000
Hexythiazox	ND	5.000	5.000
Imidacloprid	ND	1.000	5.000
Kresoxim Methyl	ND	5.000	5.000
Metalaxyl	ND	0.500	1.000
Oxamyl I	ND	1.000	5.000
Phosmet	ND	5.000	5.000
Prallethrin	NR	5.000	10.000
Pyridaben	ND	0.500	1.000
Spinetoram J	ND	0.500	1.000
Spinetoram L	ND	0.500	1.000
Spinosyn A	ND	5.000	5.000
Spinosyn D	ND	5.000	5.000
Spiromesifen	NR	0.500	1.000
Spirotetramat	NR	5.000	5.000
Spiroxamine I	ND	0.500	1.000
Spiroxamine II	ND	0.500	1.000
Tebuconazole	ND	5.000	5.000
Thiacloprid	ND	0.500	1.000
Thiamethoxam	ND	1.000	5.000
Trifloxystrobin	ND	0.500	1.000

### **Mycotoxins**



**TESTED** 

**Date Analyzed:** 12/05/2023 **Instrument:** Agilent Ultivo LC-MS/MS

Date Completed: 12/06/2023 Lab Tech: Landen Nickel

Mycotoxins	Result (ppb)	LOD (ppb)	LOQ (ppb)	
Aflatoxin B1	ND	4.979	9.958	
Aflatoxin B2	ND	4.979	9.958	
Aflatoxin G1	ND	4.979	9.958	
Aflatoxin G2	ND	4.979	9.958	
Ochratoxin A	ND	9.958	9.958	

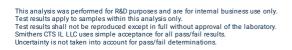
### **Heavy Metals**



**TESTED** 

Date Analyzed: 12/06/2023 Instrument: Agilent 7800 ICP-MS **Date Completed:** 12/07/2023 **Lab Tech:** Malcolm Manning

<b>Heavy Metals</b>	Result (ppb)	LOD (ppb)	LOQ (ppb)
Lead	ND	1.631	81.540
Arsenic	ND	1.631	81.540
Cadmium	ND	1.631	81.540
Mercury	ND	1.631	8.154
Chromium	ND	1.631	81.540











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### **Residual Solvents**



**TESTED** 

Date Analyzed: 12/05/2023 **Date Completed: 12/06/2023** Instrument: GC-FID Lab Tech: Malcolm Manning

Residual Solvent	Result (ppm)	LOD (ppm)	LOQ (ppm)	
Propane	ND	6.837	13.674	
Butane	ND	8.917	13.674	
Methanol	ND	7.316	13.674	
Ethylene Oxide	ND	0.100	2.279	
Pentane	ND	3.159	13.674	
Ethanol	33.426	1.325	13.674	
Ethyl Ether	ND	2.985	13.674	
Acetone	ND	2.748	13.674	
Petroleum Ether	ND	0.330	1.101	
Isopropyl Alcohol	ND	1.191	13.674	
Methylene Chloride	ND	0.590	13.674	
Hexane	ND	0.330	13.674	
Ethyl Acetate	ND	1.831	13.674	
Heptane	ND	2.279	13.674	
Trichloroethene	ND	0.063	13.674	
Toluene	ND	0.436	13.674	
Total Xylenes	ND	1.385	13.674	

## Microbial Impurities (Quantitative)



**TESTED** 

Date Analyzed: 12/05/2023 **Date Completed: 12/07/2023** Instrument: 3M Petrifilm Lab Tech: Lillian Catala

Microbials (Quantitative)	Result (CFU/g)
Total Coliform Count	ND
Total BTGN Count	ND
Total Aerobic Content Count	ND
Total Yeast and Mold Count	ND

TNTC = Too numerous to count.

## **Microbial Impurities (Qualitative)**

**TESTED** 

**Date Analyzed: 12/05/2023 Date Completed: 12/07/2023** Instrument: 3M Petrifilm Lab Tech: Lillian Catala

Microbials (Qualitative)	Result
STEC	Not Detected
Salmonella Spp.	Not Detected

TNTC = Too numerous to count.









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Foreign Matter		▼ TESTED
Date Analyzed: 12/05/2023 Instrument: Visual Inspection	Date Completed: 12/05/2023 Lab Tech: Malcolm Manning	
Foreign Materials	Result (% w/w)	
Cinders	ND	
Dirt	ND	
Insect Fragments	ND	
Mold	ND	
Other	ND	

--- END OF REPORT ---





