

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: 11107
License Number: N/A

Sample Description: CS SJ

Batch ID: None Lot ID: None

Sample ID: 49-2312-05 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

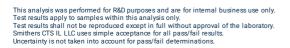
TESTED

Date Analyzed: 12/05/2023

Method Used: SOP_FM_001







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Potency



TESTED

Date Analyzed: 12/07/2023	Date Completed: 12/07/2023	Moisture Content (%): None
Instrument: Agilent 1260 HPLC	Lab Tech: Malcolm Manning	Unit 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	1.847	1.847	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	1.847	1.847			
Total CBD	ND	ND	ND	ND			
Total Cannabinoids	0.001	0.005	1.847	1.847			

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	0.023
α-Humulene	ND	0.005	0.023
α-Pinene	ND	0.005	0.023
α-Terpinene	ND	0.005	0.023
β-Caryophyllene	ND	0.005	0.023
β-Myrcene	ND	0.005	0.023
β-Pinene	ND	0.005	0.023
Camphene	ND	0.005	0.023
Caryophyllene Oxide	ND	0.005	0.023
cis-β-Ocimene	ND	0.001	0.006
cis-Nerolidol	ND	0.002	0.009

Terpene	Result (%)	LOD (%)	LOQ (%)
Δ-3-Carene	ND	0.005	0.023
D-Limonene	ND	0.005	0.032
Eucalyptol	ND	0.005	0.023
Geraniol	ND	0.005	0.032
Guaiol	ND	0.005	0.023
Isopulegol	ND	0.005	0.023
Linalool	ND	0.005	0.023
p-Cymene	ND	0.005	0.023
Terpinolene	ND	0.005	0.023
trans-Nerolidol	ND	0.003	0.014
γ-Terpinene	ND	0.005	0.023
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	4.990	9.980
Aflatoxin B2	ND	4.990	9.980
Aflatoxin G1	ND	4.990	9.980
Aflatoxin G2	ND	4.990	9.980
Ochratoxin A	ND	9.980	9.980

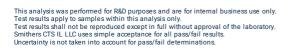
Heavy Metals



TESTED

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

Heavy Metals	Result (ppb)	LOD (ppb)	LOQ (ppb)
Lead	ND	1.633	81.646
Arsenic	ND	1.633	81.646
Cadmium	ND	1.633	81.646
Mercury	ND	1.633	8.165
Chromium	ND	1.633	81.646





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Residual Solvents



TESTED

Date Analyzed: 12/05/2023Date Completed: 12/06/2023Instrument: GC-FIDLab Tech: Malcolm Manning

Residual Solvent	Result (ppm)	LOD (ppm)	LOQ (ppm)	
Propane	ND	7.075	14.151	
Butane	ND	9.228	14.151	
Methanol	ND	7.572	14.151	
Ethylene Oxide	ND	0.104	2.358	
Pentane	ND	3.269	14.151	
Ethanol	ND	1.372	14.151	
Ethyl Ether	ND	3.090	14.151	
Acetone	ND	2.844	14.151	
Petroleum Ether	ND	0.342	1.140	
Isopropyl Alcohol	ND	1.233	14.151	
Methylene Chloride	ND	0.610	14.151	
Hexane	ND	0.342	14.151	
Ethyl Acetate	ND	1.895	14.151	
Heptane	ND	2.358	14.151	
Trichloroethene	ND	0.065	14.151	
Toluene	ND	0.451	14.151	
Total Xylenes	ND	1.433	14.151	

Microbial Impurities (Quantitative)



TESTED

Date Analyzed: 12/05/2023Date Completed: 12/07/2023Instrument: 3M PetrifilmLab 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)

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. Smithers CTS IL LLC uses simple acceptance for all pass/fail results. Uncertainty is not taken into account for pass/fail determinations.



TESTED

Date Analyzed: 12/05/2023Date Completed: 12/07/2023Instrument: 3M PetrifilmLab Tech: Lillian Catala

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

TNTC = Too numerous to count.







Landen Nickel - Lab Supervisor 12/07/2023



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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 ---





