

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



Product Development (R&D)

Report Published: 06/30/2023

Client Name: Reddi Beverage Company

LLC

Address: 1229 N North Branch Chicago,

IL. 60607

Phone: (630) 407-4875 Certificate Number: 9029 License Number: N/A

Sample Description: Flora Delta 9

Batch ID: 062123 Lot ID: None

Sample Type: Beverage (High) Sampling Date: 06/26/2023



Results Summary

Potency

TESTED

Date Analyzed: 06/29/2023

Method Used: SOP-CANN-001

Terpenes

TESTED

Date Analyzed: 06/27/2023

Date Analyzed: 06/28/2023

Method Used: SOP_TERP_001

Pesticides

TESTED

Method Used: SOP_PEST_001

Mycotoxins

TESTED

Date Analyzed: 06/28/2023

Method Used: SOP_MYCO_001

Heavy Metals

TESTED

Date Analyzed: 06/28/2023

Method Used: SOP HM 001

Residual Solvents

TESTED

Date Analyzed: 06/28/2023

Method Used: SOP_RS_001

Microbial Impurities

✓ TESTED

Date Analyzed: 06/27/2023

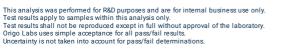
Method Used: SOP_MICRO_001

Foreign Matter

✓ TESTED

Date Analyzed: 06/27/2023

Method Used: SOP_FM_001











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Potency



TESTED

Date Analyzed: 06/29/2023 Instrument: Agilent 1260 HPLC		Date Completed: 06/29/2023 Lab Tech: Landen Nickel		Moisture Content (%): None Unit Size (oz): 2				
Cannabinoid	Result (%)	Result (mg/ g)	Result (mg/ unit)	Result (mg/ package)	LOD (%)	LOQ (%)	Relative Abundance	

Cannabinoid	Result (%)	Result (mg/ g)	Result (mg/ unit)	Result (mg/ package)	LOD (%)	LOQ (%)	Relative Abundance
CBDVA	ND	ND	ND	ND	5e-05	0.0001	
CBDV	ND	ND	ND	ND	5e-05	0.0001	
CBDA	ND	ND	ND	ND	5e-05	0.0001	
CBD	0.000	0.002	0.121	1.517	5e-05	0.0001	1
THCVA	ND	ND	ND	ND	5e-05	0.0001	
THCV	ND	ND	ND	ND	5e-05	0.0001	
THCA	ND	ND	ND	ND	5e-05	0.0001	
Δ9 THC	0.014	0.140	8.256	103.195	5e-05	0.0001	
Δ8 THC	0.001	0.010	0.568	7.097	5e-05	0.0001	
CBN	0.000	0.001	0.083	1.032	5e-05	0.0001	
CBCA	ND	ND	ND	ND	5e-05	0.0001	
CBC	ND	ND	ND	ND	5e-05	0.0001	
CBGA	ND	ND	ND	ND	5e-05	0.0001	
CBG	ND	ND	ND	ND	5e-05	0.0001	
Total THC	0.014	0.140	8.256	103.195			
Total CBD	0.000	0.002	0.121	1.517			
Total Cannabinoids	0.015	0.153	9.027	112.841			

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: 06/27/2023	Date Completed: 06/28/2023	Moisture Content (%): None
Instrument: Agilent 8890/5973 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	0.007
cis-Nerolidol	ND	0.002	0.009

Terpene	Result (%)	LOD (%)	LOQ (%)
Δ-3-Carene	ND	0.005	0.023
D-Limonene	ND	0.005	0.033
Eucalyptol	ND	0.005	0.023
Geraniol	ND	0.005	0.033
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

TESTED

Date Analyzed: 06/28/2023

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: 06/29/2023 Lab Tech: Maia Mrkvicka

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	ND	0.500	1.000
Spirotetramat	ND	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: 06/28/2023 Instrument: Agilent Ultivo LC-MS/MS

Date Completed: 06/29/2023 Lab Tech: Maia Mrkvicka

Mycotoxins	Result (ppb)	LOD (ppb)	LOQ (ppb)	
Aflatoxin B1	ND	4.963	9.926	
Aflatoxin B2	ND	4.963	9.926	
Aflatoxin G1	ND	4.963	9.926	
Aflatoxin G2	ND	4.963	9.926	
Ochratoxin A	ND	9.926	9.926	

Heavy Metals

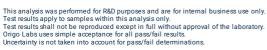


TESTED

Date Analyzed: 06/28/2023 Instrument: Agilent 7800 ICP-MS

Date Completed: 06/29/2023 Lab Tech: Margarita Gomez

Heavy Metals	Result (ppb)	LOD (ppb)	LOQ (ppb)
Lead	<loq< td=""><td>1.668</td><td>83.389</td></loq<>	1.668	83.389
Arsenic	<loq< td=""><td>1.668</td><td>83.389</td></loq<>	1.668	83.389
Cadmium	ND	1.668	83.389
Mercury	ND	1.668	8.339
Chromium	<l00< td=""><td>1.668</td><td>83.389</td></l00<>	1.668	83.389











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Residual Solvents



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Date Analyzed: 06/28/2023 **Date Completed: 06/29/2023** Instrument: GC-FID Lab Tech: Malcolm Manning

Residual Solvent	Result (ppm)	LOD (ppm)	LOQ (ppm)	
Propane	ND	7.317	14.634	
Butane	ND	9.543	14.634	
Methanol	ND	7.830	14.634	
Ethylene Oxide	ND	0.107	2.439	
Pentane	ND	3.380	14.634	
Ethanol	238.107	1.419	14.634	
Ethyl Ether	ND	3.195	14.634	
Acetone	ND	2.941	14.634	
Petroleum Ether	ND	0.353	1.179	
Isopropyl Alcohol	ND	1.275	14.634	
Methylene Chloride	ND	0.631	14.634	
Hexane	ND	0.353	14.634	
Ethyl Acetate	ND	1.960	14.634	
Heptane	ND	2.439	14.634	
Trichloroethene	ND	0.067	14.634	
Toluene	ND	0.466	14.634	
Total Xylenes	ND	1.482	14.634	

Microbial Impurities (Quantitative)



TESTED

Date Analyzed: 06/27/2023 **Date Completed:** 06/30/2023 Instrument: 3M Petrifilm Lab Tech: Margarita Gomez

Microbials (Quantitative)	Result (CFU/g)
Total Coliform Count	ND
Total BTGN Count	ND
Total Aerobic Content Count	ND
Total Yeast and Mold Count	9

TNTC = Too numerous to count.

Microbial Impurities (Qualitative)



TESTED

Date Analyzed: 06/27/2023 **Date Completed: 06/30/2023** Instrument: 3M Petrifilm Lab Tech: Margarita Gomez

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

TNTC = Too numerous to count.









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Foreign Matter **TESTED Date Completed:** 06/27/2023 Date Analyzed: 06/27/2023 **Instrument:** Visual Inspection Lab Tech: Landen Nickel **Foreign Materials** Result (% w/w) ND Cinders ND Dirt ND Insect Fragments Mold ND Other ND

--- END OF REPORT ---





