

July 05, 2024

**ZEN NUTRACEUTICALS LLC**  
2001 Timberloch Place #500  
The Woodlands, TX 77380

Order No. 558091  
Sample No. 1227914

## SAMPLE INFORMATION

**Description** Drink - ZEN CBD+ - Fruit Punch 100mg  
**Lot Number** 91-243005  
**Category (Type)** Non-Inhalable Edible (Beverage)  
**Received** July 01, 2024

## ANALYTICAL RESULTS

**Analysis** Cannabinoid Profile (Non-Plant) ✔ Pass  
**Instrument** Liquid Chromatography Diode Array Detector (LC-DAD)  
**Method** MF-CHEM-15  
**Analysis Date** July 01, 2024 to July 05, 2024

Cannabinoid	mg/g	%	mg/ml	mg/package	Labeled mg/ package	% Difference (mg/ package)	Status
Δ8-THC	0.0217	0.00217	0.0217	1.19	-	-	-
Δ9-THC	1.7276	0.17276	1.7293	95.11	100	4.89	Pass
Δ9-THCA	ND	ND	ND	ND	-	-	-
THCV	0.0076	0.00076	0.0076	0.42	-	-	-
THCVA	ND	ND	ND	ND	-	-	-
CBD	0.1773	0.01773	0.1775	9.76	10	2.39	-
CBDA	ND	ND	ND	ND	-	-	-
CBC	ND	ND	ND	ND	-	-	-
CBCA	ND	ND	ND	ND	-	-	-
CBDV	ND	ND	ND	ND	-	-	-
CBG	<LOQ	<LOQ	<LOQ	<LOQ	-	-	-
CBGA	ND	ND	ND	ND	-	-	-
CBN	<LOQ	<LOQ	<LOQ	<LOQ	-	-	-
Total THC	1.7493	0.17493	1.7510	96.31	-	-	-
Total CBD	0.1773	0.01773	0.1775	9.76	-	-	-
Total Cannabinoids	1.9342	0.19342	1.9361	106.49	-	-	-
Sum of Cannabinoids	1.9342	0.19342	1.9361	106.49	-	-	-
<b>Package Weight (g)</b>	55.0550						
<b>g/ml Conversion Factor</b>	1.001						

Reported by  
**Anresco, Inc.**

  
**Vicky Huang**  
Analyst I



ND = None Detected  
LOD = Limit of Detection ( 0.0017 mg/g)  
LOQ = Limit of Quantitation ( 0.0050 mg/g)  
Total THC = Δ8-THC + Δ9-THC + (0.877 \* THCA)  
Total CBD = CBD + (0.877 \* CBDA)  
Total Cannabinoids = Σ (neutral cannabinoids) + [0.877 \* Σ (acidic cannabinoids)]

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If there are any questions with this report, please contact "[compliance@anresco.com](mailto:compliance@anresco.com)".

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## ANALYTICAL RESULTS

**Analysis Date** July 01, 2024 to July 05, 2024

Findings	Analysis	Results	Method
	Salmonella	Not Detected in 1g	MF-MICRO-11
	STEC	Not Detected in 1g	MF-MICRO-18

Reported by  
**Anresco, Inc.**

  
Allen Zhu  
Analyst



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## ANALYTICAL RESULTS

**Analysis** Residual Solvent Screen - CO CDPHE ✔ Pass  
**Instrument** Gas Chromatography Mass Spectrometry (GC/MS)  
**Method** MF-CHEM-32  
**Analysis Date** July 01, 2024 to July 05, 2024

Analyte	LOD / LOQ (ppm)	Findings (ppm)	Limit	Status
Acetone	67/200	ND	1000	Pass
Benzene	0.2/0.5	ND	2	Pass
Butanes	67/200	ND	1000	Pass
Ethanol	67/200	471	1000	Pass
Ethyl Acetate	67/200	ND	1000	Pass
Heptanes	67/200	ND	1000	Pass
Hexane	14/40	ND	60	Pass
Isopropyl Alcohol	67/200	ND	1000	Pass
Methanol	67/200	ND	600	Pass
Pentane	67/200	ND	1000	Pass
propane	67/200	ND	1000	Pass
Toluene	14/40	ND	180	Pass
Total Xylenes (m, p, o-xylenes)	67/200	ND	430	Pass
Any other solvent not permitted for use	NA/NA	ND	NA	Pass

Reported by  
**Anresco, Inc.**

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LOQ = Limit of Quantitation

  
  
Jordean Vargas  
Analyst III

July 05, 2024

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## ANALYTICAL RESULTS

**Analysis** Mycotoxins Screen ✔ Pass  
**Instrument** Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)  
**Method** MF-CHEM-13  
**Analysis Date** July 01, 2024 to July 05, 2024

Analyte	LOD/LOQ (ppb)	Findings (ppb)	Limit (ppb)	Status
Aflatoxin B1	2/5	ND	-	-
Aflatoxin B2	2/5	ND	-	-
Aflatoxin G1	2/5	ND	-	-
Aflatoxin G2	2/5	ND	-	-
Total Aflatoxins	8/20	ND	20	Pass
Ochratoxin A	6/18	ND	20	Pass

Reported by  
**Anresco, Inc.**

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Khoa Nguyen  
Analyst I



July 05, 2024

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## ANALYTICAL RESULTS

**Analysis** Heavy Metals ✔ Pass  
**Instrument** Inductively Coupled Plasma Mass Spectrometry (ICP-MS)  
**Method** MF-CHEM-16  
**Analysis Date** July 01, 2024 to July 05, 2024

Analyte	LOD/LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
Arsenic	0.02/0.05	ND	1.5	Pass
Cadmium	0.02/0.05	ND	0.5	Pass
Mercury	0.02/0.05	ND	3	Pass
Lead	0.02/0.125	ND	0.5	Pass

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Eric Tam  
Senior Chemist

July 05, 2024

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