

ANALYZED BY:

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CUSTOMER:

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SAMPLE INFORMATION

Sample No.: 1300816
Product Name: Birdie Wild Berry Lemonade
Matrix: Edible (Beverage)
Lot #: 851

Date Collected: 04/30/2025
Date Received: 04/30/2025
Date Reported: 05/08/2025

TEST SUMMARY

Cannabinoid Profile: ✔ Tested

Pesticide Residue Screen: ✔ Pass

Heavy Metal Screen: ✔ Pass

Mycotoxin Screen: ✔ Pass

Microbiological Screen: ✔ Pass

Residual Solvent Screen: ✔ Pass

Foreign Material: ✔ Pass

Cannabinoid Profile ✔ Tested

05/01/2025

Method: MF-CHEM-15

Instrument: Liquid Chromatography Diode Array Detector (LC-DAD)

Limit of Detection 0.0008 mg/g

Limit of Quantitation 0.0025 mg/g

Cannabinoid	mg/g	%	mg/ml	mg/serving	mg/package	Labeled mg/serving	% Difference
Δ8-THC	ND	ND	ND	ND	ND	-	-
Δ9-THC	0.0139	0.00139	0.0141	5.02	5.02	5	0.41
Δ9-THCA	ND	ND	ND	ND	ND	-	-
THCV	ND	ND	ND	ND	ND	-	-
THCVA	ND	ND	ND	ND	ND	-	-
CBD	ND	ND	ND	ND	ND	-	-
CBDA	ND	ND	ND	ND	ND	-	-
CBC	ND	ND	ND	ND	ND	-	-
CBCA	ND	ND	ND	ND	ND	-	-
CBDV	ND	ND	ND	ND	ND	-	-
CBG	ND	ND	ND	ND	ND	-	-
CBGA	ND	ND	ND	ND	ND	-	-
CBN	ND	ND	ND	ND	ND	-	-
Exo-THC	ND	ND	ND	ND	ND	-	-
(6aR,9R)-Δ10-THC	ND	ND	ND	ND	ND	-	-
(6aR,9S)-Δ10-THC	ND	ND	ND	ND	ND	-	-
9(R)-Hexahydrocannabinol	ND	ND	ND	ND	ND	-	-
9(S)-Hexahydrocannabinol	ND	ND	ND	ND	ND	-	-
Δ8-THC-O-Acetate	ND	ND	ND	ND	ND	-	-
Δ9-THC-O-Acetate	ND	ND	ND	ND	ND	-	-
THC-O-Phosphate	NT	NT	NT	NT	NT	-	-
Total THC	0.0139	0.00139	0.0141	5.02	5.02	-	-
Total CBD	ND	ND	ND	ND	ND	-	-
Total Cannabinoids	0.0139	0.00139	0.0141	5.02	5.02	-	-
Sum of Cannabinoids	0.0139	0.00139	0.0141	5.02	5.02	-	-
Serving Weight (g)	361.1770						
Package Weight (g)	361.177						
g/ml Conversion Factor	1.0174						

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)]

Microbiological Screen ✔ Pass

05/06/2025

Analyte	Findings	Units	Method	Limit	Status
Salmonella	ND	/1g	AOAC 2016.01	ND	Pass
STEC	ND	/1g	Neogen MDS STEC	ND	Pass
Aspergillus	ND	/1g	GENE- UP ASPERGILLUS PRO	ND	Pass
Listeria Species	ND	/1g	AOAC 2016.07	ND	Pass
Total Yeast and Mold	<1	cfu/g	FDA BAM	10,000	Pass
Total Aerobic Plate Count	<1	cfu/g	FDA BAM	100	Pass
Total Coliforms	<1	cfu/g	FDA BAM - ECC Agar	100	Pass
Total Enterobacteriaceae	<1	cfu/g	AOAC 2003.01	ND	Pass
Staphylococcus aureus	<1	cfu/g	AOAC 2003.07	ND	Pass

Pesticide Residue Screen ✔ Pass

05/08/2025

Method: MF-CHEM-13

Instrument: Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
Abamectin	0.04/0.10	ND	0.3	Pass
Acephate	0.02/0.06	ND	5.0	Pass
Acequinocyl	0.04/0.10	ND	4.0	Pass
Acetamiprid	0.017/0.05	ND	5.0	Pass
Aldicarb	0.02/0.06	ND	0.02	Pass
Azoxystrobin	0.02/0.06	ND	40.0	Pass
Bifenazate	0.02/0.06	ND	5.0	Pass
Bifenthrin	0.04/0.10	ND	0.5	Pass
Boscalid	0.02/0.06	ND	10.0	Pass
Captan	0.2/0.6	ND	5.0	Pass
Carbaryl	0.02/0.06	ND	0.5	Pass
Carbofuran	0.017/0.05	ND	0.017	Pass
Chlorantraniliprole	0.02/0.06	ND	40.0	Pass
Chlordane	0.02/0.06	ND	0.02	Pass
Chlorfenapyr	0.02/0.06	ND	0.02	Pass
Chlorpyrifos	0.02/0.06	ND	0.02	Pass
Clofentezine	0.02/0.06	ND	0.5	Pass
Coumaphos	0.02/0.06	ND	0.02	Pass
Cyfluthrin	0.10/0.30	ND	1.0	Pass
Cypermethrin	0.10/0.30	ND	1.0	Pass
Daminozide	0.017/0.05	ND	0.017	Pass
DDVP (Dichlorvos)	0.013/0.04	ND	0.013	Pass
Diazinon	0.017/0.05	ND	0.2	Pass
Dimethoate	0.017/0.05	ND	0.017	Pass
Dimethomorph	0.017/0.05	ND	20.0	Pass
Ethoprop(hos)	0.02/0.06	ND	0.02	Pass
Etofenprox	0.02/0.06	ND	0.02	Pass
Etoxazole	0.02/0.06	ND	1.5	Pass
Fenhexamid	0.017/0.05	ND	10.0	Pass
Fenoxycarb	0.02/0.06	ND	0.02	Pass
Fenpyroximate	0.02/0.06	ND	2.0	Pass
Fipronil	0.02/0.06	ND	0.02	Pass
Flonicamid	0.02/0.06	ND	2.0	Pass
Fludioxonil	0.02/0.06	ND	30.0	Pass
Hexythiazox	0.02/0.06	ND	2.0	Pass
Imazalil	0.02/0.06	ND	0.02	Pass
Imidacloprid	0.02/0.06	ND	3.0	Pass
Kresoxim Methyl	0.02/0.06	ND	1.0	Pass
Malathion	0.017/0.05	ND	5.0	Pass
Metaxyl	0.017/0.05	ND	15.0	Pass
Methiocarb	0.02/0.06	ND	0.02	Pass
Methomyl	0.013/0.04	ND	0.1	Pass
Methyl parathion	0.02/0.06	ND	0.02	Pass
Mevinphos	0.02/0.06	ND	0.02	Pass
Myclobutanil	0.02/0.06	ND	9.0	Pass
Naled	0.017/0.05	ND	0.5	Pass
Oxamyl	0.013/0.04	ND	0.2	Pass
Paclobutrazol	0.02/0.06	ND	0.02	Pass
Pentachloronitrobenzene	0.017/0.05	ND	0.2	Pass
Permethrins	0.10/0.30	ND	20.0	Pass
Phosmet	0.02/0.06	ND	0.2	Pass
Piperonyl Butoxide	0.02/0.06	ND	8.0	Pass

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
Prallethrin	0.04/0.10	ND	0.4	Pass
Propiconazole	0.02/0.06	ND	20.0	Pass
Propoxur	0.013/0.04	ND	0.013	Pass
Pyrethrins	0.15/0.50	ND	1.0	Pass
Pyridaben	0.017/0.05	ND	3.0	Pass
Spinetoram	0.02/0.06	ND	3.0	Pass
Spinosad	0.02/0.06	ND	3.0	Pass
Spiromesifen	0.04/0.10	ND	12.0	Pass
Spirotetramat	0.02/0.06	ND	13.0	Pass
Spiroxamine	0.017/0.05	ND	0.017	Pass
Tebuconazole	0.02/0.06	ND	2.0	Pass
Thiacloprid	0.013/0.04	ND	0.013	Pass
Thiamethoxam	0.02/0.06	ND	4.5	Pass
Trifloxystrobin	0.02/0.06	ND	30.0	Pass
2-Phenylphenol	0.08/0.25	ND	-	-
3,4-Dichloroaniline	0.08/0.25	ND	-	-
Acetochlor	0.05/0.15	ND	-	-
Alachlor	0.05/0.15	ND	-	-
Allethrin	0.15/0.50	ND	-	-
Ametryn	0.03/0.10	ND	-	-
Aminocarb	0.03/0.10	ND	-	-
Ancymidol	0.02/0.06	ND	-	-
Anthraquinone	0.05/0.15	ND	-	-
Atrazine	0.03/0.10	ND	-	-
Azadirachtin	0.15/0.50	ND	-	-
Benzovindiflupyr	0.05/0.15	ND	-	-
Biphenyl	0.08/0.25	ND	-	-
Buprofezin	0.03/0.10	ND	-	-
Carbendazim	0.03/0.10	ND	-	-
Chlormequat Chloride	0.03/0.10	ND	-	-
Clothianidin	0.03/0.10	ND	-	-
Cyantranilprole	0.03/0.10	ND	-	-
Cycloate	0.08/0.25	ND	-	-
Cyhalothrin (Lambda)	0.15/0.50	ND	-	-
Cyprodinil	0.03/0.10	ND	-	-
Cyromazine	0.03/0.10	ND	-	-
DCPA (Dacthal, Chlorthal-dimethyl)	0.03/0.10	ND	-	-
Deltamethrin I/II	0.15/0.50	ND	-	-
Diclobutrazol	0.02/0.06	ND	-	-
Diflubenzuron	0.08/0.25	ND	-	-
Dinotefuran	0.05/0.15	ND	-	-
Diphenylamine	0.08/0.25	ND	-	-
Diuron	0.03/0.10	ND	-	-
Dodemorph	0.02/0.06	ND	-	-
Endosulfan I (alpha)	0.08/0.25	ND	-	-
Endosulfan II (beta)	0.08/0.25	ND	-	-
Endosulfan Sulfate	0.08/0.25	ND	-	-
Ethirimol	0.02/0.06	ND	-	-
Etridiazole	0.15/0.50	ND	-	-
Fensulfothion	0.02/0.06	ND	-	-
Fenthion	0.03/0.10	ND	-	-
Fenvalerate	0.03/0.10	ND	-	-
Fluopyram	0.02/0.06	ND	-	-
Flurprimidol	0.03/0.10	ND	-	-
Flutriafol	0.05/0.15	ND	-	-
Formetanate HCl	0.03/0.10	ND	-	-
Hexaconazole	0.05/0.15	ND	-	-
Hydramethylnon	0.05/0.15	ND	-	-
Indole-3-butyric Acid	0.08/0.25	ND	-	-
Indoxacarb	0.05/0.15	ND	-	-
Iprodione	0.15/0.50	ND	-	-
Mandipropamid	0.03/0.10	ND	-	-
Metaflumizone	0.08/0.25	ND	-	-
Methoprene	0.15/0.50	ND	-	-
Methoxyfenozide	0.02/0.06	ND	-	-
Metolachlor	0.05/0.15	ND	-	-
MGK 264	0.03/0.10	ND	-	-
Novaluron	0.05/0.15	ND	-	-
Nuarimol	0.05/0.15	ND	-	-
o,p'-DDD	0.03/0.10	ND	-	-

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
o,p'-DDE	0.03/0.10	ND	-	-
o,p'-DDT	0.03/0.10	ND	-	-
p,p'-DDD	0.03/0.10	ND	-	-
p,p'-DDE	0.03/0.10	ND	-	-
p,p'-DDT	0.03/0.10	ND	-	-
Pendimethalin	0.08/0.25	ND	-	-
Pentachloroaniline	0.03/0.10	ND	-	-
Pentachloroanisole	0.10/0.30	ND	-	-
Pentachlorobenzene	0.03/0.10	ND	-	-
Pentachlorobenzonitrile	0.03/0.10	ND	-	-
Phenothrin	0.08/0.25	ND	-	-
Pirimicarb	0.02/0.06	ND	-	-
Prometryne	0.02/0.06	ND	-	-
Propamocarb	0.08/0.25	ND	-	-
Propargite	0.08/0.25	ND	-	-
Propyzamide	0.05/0.15	ND	-	-
Pymetrozine	0.03/0.10	ND	-	-
Pyraclostrobin	0.03/0.10	ND	-	-
Pyrimethanil	0.03/0.10	ND	-	-
Pyriproxyfen	0.05/0.15	ND	-	-
Quinoxifen	0.03/0.10	ND	-	-
Resmethrin	0.15/0.50	ND	-	-
Spirodiclofen	0.15/0.50	ND	-	-
Sulfoxaflor	0.03/0.10	ND	-	-
Tau-Fluvalinate	0.08/0.25	ND	-	-
Tebufozide	0.03/0.10	ND	-	-
Teflubenzuron	0.08/0.25	ND	-	-
Terbutryn	0.02/0.06	ND	-	-
Tetrachlorvinphos	0.15/0.50	ND	-	-
Tetramethrin	0.15/0.50	ND	-	-
Thiabendazole	0.02/0.06	ND	-	-
Thiobencarb	0.03/0.10	ND	-	-
Thiophanate-methyl	0.02/0.06	ND	-	-
Tricyclazole	0.02/0.06	ND	-	-
Triflumizole	0.05/0.15	ND	-	-

Residual Solvent Screen ✓ Pass

05/08/2025

Method: MF-CHEM-32

Instrument: Gas Chromatography Mass Spectrometry (GC/MS)

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
1,2-Dichloroethane	0.5/0.5	ND	1	Pass
Acetone	57/200	ND	5000	Pass
Acetonitrile	56/200	ND	410	Pass
Benzene	0.5/0.5	ND	1	Pass
n-Butane	45/200	ND	5000	Pass
Chloroform	0.5/0.5	ND	1	Pass
Ethanol	37/200	ND	5000	Pass
Ethyl acetate	38/200	ND	5000	Pass
Ethyl ether	37/200	ND	5000	Pass
Ethylene oxide	0.1/0.5	ND	1	Pass
n-Heptane	135/200	ND	5000	Pass
n-Hexane	49/200	ND	290	Pass
Isopropyl alcohol	57/200	ND	5000	Pass
Methanol	37/200	ND	3000	Pass
Methylene chloride	0.1/0.5	ND	1	Pass
n-Pentane	37/200	ND	5000	Pass
Propane	72/200	ND	5000	Pass
Toluene	49/200	ND	890	Pass
Total xylenes (ortho-, meta-, para-)	58/200	ND	2170	Pass
Trichloroethylene	0.5/0.5	ND	1	Pass

Heavy Metal Screen ✔ Pass

05/08/2025

Method: MF-CHEM-16

Instrument: Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

Analyte	LOD/LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
Arsenic	0.003/0.05	<LOQ	1.5	Pass
Cadmium	0.008/0.05	ND	0.5	Pass
Mercury	0.002/0.05	ND	3	Pass
Lead	0.01/0.125	ND	0.5	Pass

Foreign Material ✔ Pass

05/08/2025

Method: MF-CHEM-7

Analyte	Findings	Limit	Status
Sand, Soils, Cinders, and Dirt	ND	25%	Pass
Mold	ND	25%	Pass
Imbedded Foreign Material	ND	25%	Pass
Insect Fragment	ND	1 per 3g	Pass
Hair	ND	1 per 3g	Pass
Mammalian Excreta	ND	1 per 3g	Pass

Mycotoxin Screen

05/08/2025

Method: MF-CHEM-13

Instrument: Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)

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

ND = None Detected
LOD = Limit of Detection
LOQ = Limit of Quantitation

Reported by



Vu Lam
Lab Co Director



Scan to verify