

ANALYZED BY:

Anresco Laboratories
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C8-0000052-LIC

CUSTOMER:

Happi Co
239 E Michigan, Suite 275
Paw Paw, MI 49079



SAMPLE INFORMATION

Sample No.: 1228484
Product Name: Happi Lemon
Matrix: Edible (Beverage)

Date Collected: 07/08/2024
Date Received: 07/09/2024
Date Reported: 07/15/2024

TEST SUMMARY

Cannabinoid Profile: ✔ Pass **Microbiological Screen:** ✔ Pass
Pesticide Residue Screen: ✔ Pass **Residual Solvent Screen:** ✔ Pass
Heavy Metal Screen: ✔ Pass **Foreign Material:** ✔ Pass
Mycotoxin Screen: ✔ Pass

Cannabinoid Profile ✔ Pass 07/11/2024

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/package	Labeled mg/package	% Difference (mg/package)	Status
Δ8-THC	ND	ND	ND	ND	-	-	-
Δ9-THC	0.0109	0.00109	0.0110	2.60	2.5	3.84	Pass
Δ9-THCA	ND	ND	ND	ND	-	-	-
THCV	ND	ND	ND	ND	-	-	-
THCVA	ND	ND	ND	ND	-	-	-
CBD	ND	ND	ND	ND	-	-	-
CBDA	ND	ND	ND	ND	-	-	-
CBC	ND	ND	ND	ND	-	-	-
CBCA	ND	ND	ND	ND	-	-	-
CBDV	ND	ND	ND	ND	-	-	-
CBG	ND	ND	ND	ND	-	-	-
CBGA	ND	ND	ND	ND	-	-	-
CBN	ND	ND	ND	ND	-	-	-
Total THC	0.0109	0.00109	0.0110	2.60	-	-	-
Total CBD	ND	ND	ND	ND	-	-	-
Total Cannabinoids	0.0109	0.00109	0.0110	2.60	-	-	-
Sum of Cannabinoids	0.0109	0.00109	0.0110	2.60	-	-	-

Package Weight (g) 238.1613

g/ml Conversion Factor 1.0049

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 07/15/2024

Analyte	Findings	Status
Salmonella	Not Detected in 25g	Pass
STEC	Not Detected in 25g	Pass
Yeast	0/10	-
Mold	0/10	-

Pesticide Residue Screen ✔ Pass 07/11/2024

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	Status
Abamectin	0.015/0.05	ND	0.05	Pass

Analyte	LOD / LOQ (ppm)	Findings (ppm)	Limit	Status
Acephate	0.015/0.05	ND	0.05	Pass
Acequinocyl	0.003/0.01	ND	0.01	Pass
Acetamiprid	0.003/0.01	ND	0.01	Pass
Aldicarb	0.006/0.02	ND	0.02	Pass
Allethrin	0.03/0.1	ND	0.1	Pass
Ancymidol	0.06/0.2	ND	0.2	Pass
Azadirachtin	0.15/0.5	ND	0.5	Pass
Azoxystrobin	0.003/0.01	<LOQ (0.0071)	0.01	Pass
Benzovindiflupyr	0.003/0.01	ND	0.01	Pass
Bifenazate	0.003/0.01	ND	0.01	Pass
Bifenthrin	0.003/0.01	ND	0.01	Pass
Boscalid	0.003/0.01	ND	0.01	Pass
Buprofezin	0.003/0.01	ND	0.01	Pass
Captan	0.015/0.05	ND	0.05	Pass
Carbaryl	0.006/0.02	ND	0.02	Pass
Carbofuran	0.003/0.01	ND	0.01	Pass
Chlorantraniliprole	0.003/0.01	ND	0.01	Pass
Chlordane	0.03/0.1	ND	0.1	Pass
Chlorfenapyr	0.015/0.05	ND	0.05	Pass
Chlormequat	0.003/0.01	ND	0.01	Pass
Chlorpyrifos	0.003/0.01	ND	0.01	Pass
Clofentezine	0.003/0.01	ND	0.01	Pass
Clothianidin	0.008/0.025	ND	0.025	Pass
Coumaphos	0.003/0.01	ND	0.01	Pass
Cyantraniliprole	0.003/0.01	ND	0.01	Pass
Cyfluthrin	0.015/0.05	ND	0.05	Pass
Cypermethrin	0.015/0.05	ND	0.05	Pass
Cyprodinil	0.08/0.25	ND	0.25	Pass
Daminozide	0.003/0.01	ND	0.01	Pass
Deltamethrin	0.3/1	ND	1	Pass
Dichlorvos (DDVP)	0.006/0.02	ND	0.02	Pass
Diazinon	0.003/0.01	ND	0.01	Pass
Dimethoate	0.0006/0.002	ND	0.002	Pass
Dimethomorph	0.015/0.05	ND	0.05	Pass
Dinotefuran	0.015/0.05	ND	0.05	Pass
Dodemorph	0.015/0.05	ND	0.05	Pass
Endosulfan Sulphate	0.15/0.5	ND	0.5	Pass
Endosulfan-alpha	0.03/0.1	ND	0.1	Pass
Endosulfan-beta	0.15/0.5	ND	0.5	Pass
Ethoprophos	0.003/0.01	ND	0.01	Pass
Etofenprox	0.003/0.01	ND	0.01	Pass
Etoxazole	0.003/0.01	ND	0.01	Pass
Etridiazole	0.003/0.01	ND	0.01	Pass
Fenhexamid	0.006/0.02	ND	0.02	Pass
Fenoxycarb	0.003/0.01	ND	0.01	Pass
Fenpyroximate	0.006/0.02	ND	0.02	Pass
Fensulfothion	0.003/0.01	ND	0.01	Pass
Fenthion	0.003/0.01	ND	0.01	Pass
Fenvalerate	0.03/0.1	ND	0.1	Pass
Fipronil	0.003/0.01	ND	0.01	Pass
Fonicamid	0.008/0.025	ND	0.025	Pass
Fludioxonil	0.003/0.01	<LOQ (0.0055)	0.01	Pass
Fluopyram	0.003/0.01	ND	0.01	Pass
Flurprimidol	0.06/0.2	ND	0.2	Pass
Hexythiazox	0.003/0.01	ND	0.01	Pass
Imazalil	0.003/0.01	<LOQ (0.0032)	0.01	Pass
Imidacloprid	0.003/0.01	ND	0.01	Pass
Indole-3-butyric acid	0.3/1.0	ND	1.0	Pass
Iprodione	0.15/0.5	ND	0.5	Pass
Kinoprene	0.015/0.05	ND	0.05	Pass
Kresoxim-methyl	0.003/0.01	ND	0.01	Pass
Malathion	0.003/0.01	ND	0.01	Pass
Metalaxyl	0.003/0.01	ND	0.01	Pass
Methiocarb	0.003/0.01	ND	0.01	Pass
Methomyl	0.015/0.05	ND	0.05	Pass
Methoprene	0.3/1	ND	1	Pass
Parathion methyl	0.009/0.03	ND	0.03	Pass
Mevinphos	0.008/0.025	ND	0.025	Pass
MGK-264	0.015/0.05	ND	0.05	Pass
Myclobutanil	0.003/0.01	ND	0.01	Pass

Analyte	LOD / LOQ (ppm)	Findings (ppm)	Limit	Status
Naled	0.03/0.1	ND	0.1	Pass
Novaluron	0.008/0.025	ND	0.025	Pass
Oxamyl	0.015/0.05	ND	0.05	Pass
Paclobutrazol	0.003/0.01	ND	0.01	Pass
Pentachloronitrobenzne (Quintozene)	0.003/0.01	ND	0.01	Pass
Permethrins	0.012/0.04	ND	0.04	Pass
Phenothrin	0.008/0.025	ND	0.1	Pass
Piperonyl butoxide	0.03/0.1	ND	0.1	Pass
Prallethrin	0.015/0.05	ND	0.05	Pass
Phosmet	0.003/0.01	ND	0.01	Pass
Pirimicarb	0.003/0.01	ND	0.01	Pass
Propiconazole	0.003/0.01	ND	0.01	Pass
Propoxur	0.003/0.01	ND	0.01	Pass
Pyraclostrobin	0.003/0.01	ND	0.01	Pass
Pyrethrins	0.008/0.025	ND	0.05	Pass
Pyridaben	0.003/0.01	ND	0.01	Pass
Resmethrin	0.006/0.02	ND	0.05	Pass
Spinetoram	0.003/0.01	ND	0.01	Pass
Spinosad	0.003/0.01	ND	0.01	Pass
Spirodiclofen	0.08/0.25	ND	0.25	Pass
Spiromesifen	0.003/0.01	ND	0.01	Pass
Spirotetramet	0.003/0.01	ND	0.01	Pass
Spiroxamine	0.003/0.01	ND	0.01	Pass
Tebuconazole	0.003/0.01	ND	0.01	Pass
Tebufenozide	0.003/0.01	ND	0.01	Pass
Teflubenzuron	0.008/0.025	ND	0.025	Pass
Tetrachlorvinphos	0.003/0.01	ND	0.01	Pass
Tetramethrin	0.015/0.05	ND	0.05	Pass
Thiacloprid	0.003/0.01	ND	0.01	Pass
Thiamethoxam	0.003/0.01	ND	0.01	Pass
Thiophanate-methyl	0.009/0.03	ND	0.03	Pass
Trifloxystrobin	0.003/0.01	ND	0.01	Pass

Residual Solvent Screen ✔ Pass

07/11/2024

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	813.00	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

07/11/2024

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	0.02/0.05	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

Foreign Material ✔ Pass

07/11/2024

Method: MF-MACRO-5

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

07/11/2024

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